

1704446 Christine Woods

by Christine Woods

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Web Technologies

Christine Woods 1704446

JavaScript-enabled website ACCA5012

Christine Woods 1704446

Gaynor Thomas

School of Applied Computing

University of Wales Trinity Saint David

14th January 2020 (3pm)

(1000 Words)

Please note that the word count has exceeded because the code for each page has been added to this report.

Declaration by Christine Woods

The work of this report has been completed under the supervision of Gaynor Thomas. I declare that this report is the product of my own work and is not being submitted for any other degree etc.

Christine Woods .

Acknowledgments

- Gaynor Thomas – UWTSD Lecturer

Contents

INTRODUCTION	6
1. DEVELOPMENT CONCEPTS	7
2. DESIGN/SPECIFICATION – WITH SCREENSHOTS.....	8
<i>Main functional requirements.....</i>	<i>8</i>
3. EVALUATION/VERIFICATION SECTION	12
4. JAVASCRIPT APPROACH WITH SCREENSHOT AND CODE.....	13
<i>Landing/Index Page.</i>	<i>13</i>
<i>Design Page.....</i>	<i>17</i>
<i>Purchase Page.....</i>	<i>23</i>
<i>Christmas Cards Page.....</i>	<i>28</i>
<i>Birthday Cards Page.....</i>	<i>32</i>
<i>Occasions Cards Page.....</i>	<i>36</i>
<i>Stylesheet.css Page</i>	<i>39</i>
5. REFERENCES.....	42

Introduction

This assignment will identify the use of at least 3 JavaScript components that have been covered whilst completing the module by developing a website that shows JavaScript functions and how they interact with the user.

- 1 The first component will show the interaction of the user with HTML
- 2 Shows the dynamic changes of the visual layout using clickable elements
- 3 The third component will show a moving image on the website using JavaScript.

This report will talk about the construction of the website.

1. Development Concepts

The development of this website was to show interaction between the user and the site using JavaScript coding.

The subject used is a greeting card site which enables the use of JavaScript to show the use of functions and how they are used being interactive with the user.

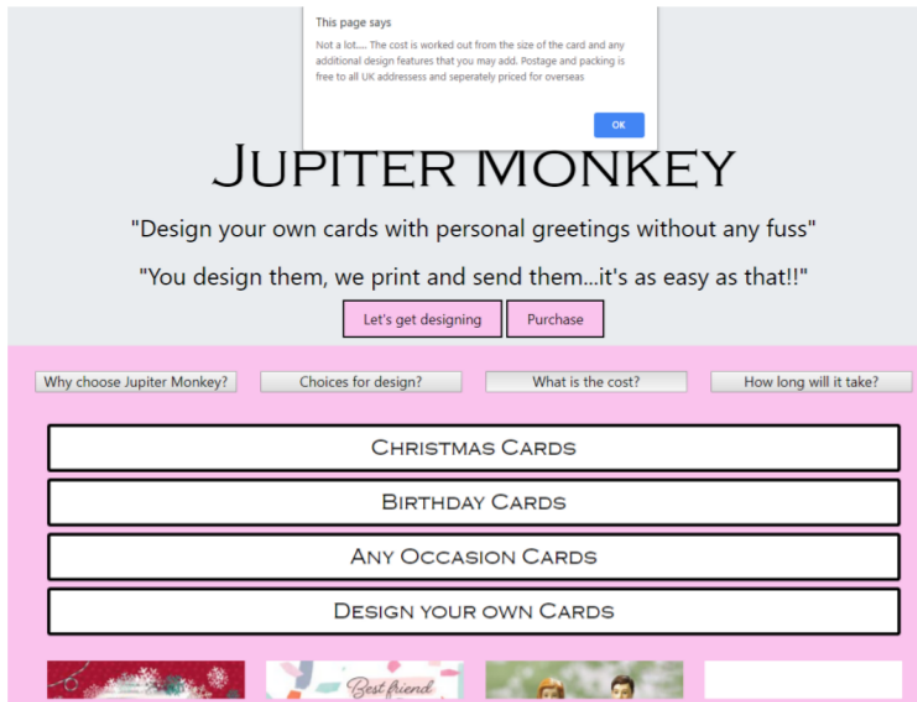
The cards included have been taken from [1] [2] [3] Google images (had this been a bespoke site the cards would have been designed solely for this site).

2. Design/Specification – with screenshots

Main functional requirements

Component 1

The first JavaScript component shows the interaction of buttons and alerts that answer questions when clicked on. There are four buttons answering general questions from the user.



Each of the selections for the cards is also written in JavaScript, directing users to the desired page.

Component 2

The “design” page allows the user to interact with the site choosing from choice of font, colour of font, background colour and the actual message they wish to be written inside the card. The JavaScript shows the user what the design will look like and calculates the cost of the card.

DESIGN YOUR CARD

"Choose from the options below and design your card"

[Home](#) [Purchase](#)

" Type the name of the person you are sending the card to....."

" Type the greeting you wish to say inside the card....."

" Who is the card from and how would you like it signed?....."

" Your message will appear in the box below....."

"YOUR CHOSEN PICTURE
HERE"

Happy Birthday Trev

Hope you have an
amazing birthday

Love Mum xxx

Choose the font of your message

Arial

Calibri

Courier

Georgia

Impact

Century Gothic

Choose the colour of your font

Red

Green

Blue

Orange

Pink

Grey

Choose the colour of your background

White

Black

Silver

Light Blue

Red

Green

What size would you like your card to be?

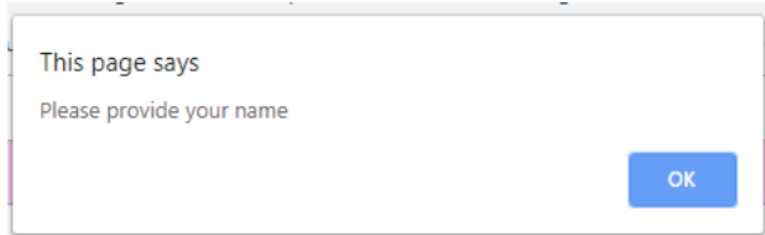
A4 Portrait

...

The submit button takes the user to the purchase page.

Component 3

The purchase page includes a user form, allowing for input and returns the information to the user to be checked before submission by the user. This also includes a function in the coding for validation to ensure the boxes are completed by the user.



This page says

Please provide your name

OK



DELIVERY ADDRESS

FULL NAME?

Miss Smith

EMAIL ADDRESS?

C.Smith@hotmail.com

ADDRESS?

12 The Drive

CITY?

Swansea

POSTCODE?

SA1 ***

CHOICE OF CARD?

Birthday Card 15

TOTAL AMOUNT PAYABLE

£2.99

MESSAGE TO BUYER

Message here

Submit

MANY THANKS FOR YOUR PURCHASE

Buy Now

© Copyright 2019 Site design by C Woods

JavaScript

Additional Components



PITER MONKEY

A swinging monkey has been included on the purchase page using JavaScript. The monkey swings from one side of the page to the other. Originally the

monkey did not stop at the end of the page. In order to complete this the size of the page required calculation and the programming needed to be changed to ensure the monkey did not swing off of the page.

Once the problem was resolved the monkey moves from the left side to the right hand side of the page and back again without leaving the page.

JUPITER MONKEY



When trying to programme this it became apparent that

the size of the original image made a difference as to where the monkey/image stopped on the page. Once the image was re-sized then the coding worked. (Coding below).

```
var timer;//global variable
var timerright;
function moveleft()
{
  theman=document.getElementById("monkey");
  theman.style.left=theman.offsetLeft-10 // get hold of the man to make him run slowly, this function let
  //thmessage=document.getElementById("message");
  //thmessage.innerHTML=theman.offsetLeft;
  //thmessage.innerHTML=window.innerWidth;
  if(theman.offsetLeft<=0)
  {
    stopit();
    runright();
  }
}
function runleft() //set up a variable to run in the background
{
  timer=setInterval(moveleft,100) // function followed by howoften 1000 milliseconds means one second
}
function stopit() //stops him running off the page
{
  clearInterval(timer)
  clearInterval(timerright)
}
function walkright()
{
  theman=document.getElementById("monkey");
  theman.style.left=theman.offsetLeft+10 // get hold of the man to make him run slowly, this function let
  //thmessage=document.getElementById("message"); - showed the size of the screen so that the monkey goes back and forth
  //thmessage.innerHTML=theman.style.left
  //thmessage.innerHTML=theman.offsetLeft;
  if(theman.offsetLeft>window.innerWidth-225) // use offset left rather than style so that it doesnt treat it as a character
  //made responsive so that image doesnt run off screen
  {
    stopit();
    runleft();
  }
}
function runright() //set up a variable to run in the background
{
  timerright=setInterval(walkright,90) // function followed by howoften 1000 milliseconds means one second
}
```

The colours were chosen in line with Jakob Nielson [4] usability features and principles using the HTML Colour checker [5]

3. Evaluation/Verification section

The specification of this website as set out in the assignment specification did not include certain functions that otherwise would have been included such as:

- The ability to click on the chosen card which would add to basket. The picture would also show on the design page (Box already created) to enable the user to view the overall card before purchase
- The ability to choose more than one card
- A number of other pages that would sell gifts etc.
- Discounts page
- The cards would be bespoke and designed specifically for this site
- A menu option may have been introduced for different choices i.e. navigation
- The user form along with some other functions have been adapted from a website built for a similar assignment but not copied completely [6]

4. JavaScript approach with Screenshot and code

Landing/Index Page.

JavaScript approach – to show alerts for the question boxes allowing user to see frequently asked questions.

JavaScript used for direction when clicking on the required pages for choice of cards. The idea is that the user can interact anywhere on the landing page and it will take them where they want to go.



```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<!-- Required meta tags -->
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no"><!-- Device size command -->
```

```
<!-- Bootstrap CSS -->
```

```

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
    integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
    crossorigin="anonymous">
<!--Relevant link to CSS page-->
<link rel="stylesheet" type="text/css" href="stylesheet.css" />
<title>JupiterMonkey.com</title>
<script type="text/javascript">

function Why() //provides alert boxes for the user to see on click with answers to frequently asked questions
{
    alert("More like why wouldn't you!! We are cheap, fast and unique to you");
}

function Choice()
{
    alert("Choose the size, colour, caption, choose from our range or design completely yourself");
}

function Cost()
{
    alert("Not a lot..... The cost is worked out from the size of the card and any additional design features that you may add. Postage
    and packing is free to all UK addressess and seperately priced for overseas");
}

function Time()
{
    alert("we aim to get your greeting card printed and out for delivery the next day as long as we receive your order by 2pm");
}

function christmas() //takes the user to the location on the site
{
    window.location.href="christmas.html"
}

function birthday()
{
    window.location.href="birthday.html"
}

function occasion()
{
    window.location.href="occasion.html"
}

function design()
{

```

```

window.location.href="Design.html"

}

</script>

</head>

<body>

  <div class="jumbotron"> <!-- Main navigation header allowing the user to work around the site-->

    <h1>Jupiter Monkey</h1>

    <p>"Design your own cards with personal greetings without any fuss"</p>

    <p>"You design them, we print and send them...it's as easy as that!"</p>

    <a href="Design.html" class="button">Let's get designing</a><!-- Buttons for navigation around site-->

    <a href="Purchase.html" class="button">Purchase</a>

  </div>

  <div class="container"><!-- Container to place rows and columns-->

    <div class="row"><!-- Rows for the addition of buttons so that when customer clicks them a box appears with info-->

      <div class="col-12 col-sm-6 col-lg-3">

        <p button type="button" onClick="javascript:Why()">Why choose Jupiter Monkey?</p>

      </div>

      <div class="col-12 col-sm-6 col-lg-3">

        <p button type="button" onClick="javascript:Choice()">Choices for design?</p>

      </div>

      <div class="col-12 col-sm-6 col-lg-3">

        <p button type="button" onClick="javascript:Cost()">What is the cost?</p>

      </div>

      <div class="col-12 col-sm-6 col-lg-3">

        <p button type="button" onClick="javascript:Time()">How long will it take?</p>

      </div>

    </div>

    <br>

    <div class="container"><!-- Container to place rows and columns which allows the user to click on the box and will be taken to the relevant page -->

      <h2 class="card" onClick="javascript:christmas()">Christmas Cards</h2>

      <h2 class="card" onClick="javascript:birthday()">Birthday Cards</h2>

      <h2 class="card" onClick="javascript:occasion()">Any Occasion Cards</h2>

      <h2 class="card" onClick="javascript:design()">Design your own Cards</h2>

      <br>

    </div>

    <div class="container"><!-- Container to place rows and columns for a picture of the cards which on clicking the image takes you to the specific page -->

```

```

<div class="row">

  <div class="col-12 col-sm-6 col-lg-3">

  </div>

  <div class="col-12 col-sm-6 col-lg-3">

  </div>

  <div class="col-12 col-sm-6 col-lg-3">

  </div>

  <div class="col-12 col-sm-6 col-lg-3">

  </div>

</div>

<br><br><br>

<div class="container"><!--Footer of the page to add in the copyright details-->

<div class="row">

  <footer id="main-footer">

    <div class="main-footer">

      <div class="row">

        <div class="col-sm-12">&copy; Copyright 2019 Site design by C Woods</div>

      </div>

    </div>

  </footer>

</div>

</body>

</html>

```

Design Page.

JavaScript approach –

JavaScript used for direction when clicking on the required pages for choice of cards. The idea is that the user can interact anywhere on the landing page and it will take them where they want to go. This page allows for interaction with the user where they can see the message they have typed, how it will look and can change the font, colour of font and background colour. The user can also choose the size of the card which when chosen will return a box showing the price of the card. Future design would allow for addition to basket also.

DESIGN YOUR CARD

"Choose from the options below and design your card"

[Home](#) [Purchase](#)

" Type the name of the person you are sending the card to....."

" Type the greeting you wish to say inside the card....."

" Who is the card from and how would you like it signed?....."

" Your message will appear in the box below....."

"YOUR CHOSEN PICTURE
HERE"

HAPPY BIRTHDAY TREV

HOPE YOU HAVE AN AMAZING
BIRTHDAY

LOTS OF LOVE FROM CHRIS
XXX

Choose the font of your message

Arial

Calibri

Courier

Georgia

Impact

Century Gothic

Choose the colour of your font

Red

Green

Blue

Orange

Pink

Grey

Choose the colour of your background

White

Black

Silver

Light Blue

Red

Green

What size would you like your card to be?

A4 Portrait

...

© Copyright 2019 Site design by C Woods

<!DOCTYPE html>

<html lang="en">

17

```

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no"><!-- Device size command-->

<!-- Bootstrap CSS -->

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"

    integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"

    crossorigin="anonymous">

<!-- Relevant link to CSS page-->

<link rel="stylesheet" type="text/css" href="StyleSheet.css" />

<title>JupiterMonkey.com</title>

<script type="text/javascript">

function Message() //calls the javascript for the options to input the message
{

themessage=document.getElementById("messagedetail").value;
themessage2=document.getElementById("messagedetail2").value;
themessage3=document.getElementById("messagedetail3").value;
thenote=document.getElementById("message");
thenote.innerHTML="" + themessage2 + "<br><br><br>" + themessage + "<br><br><br>" + themessage3;

}

function changefont(thefont) //calls the javascript function to change font, colour of font and background
{

thetext=document.getElementById("message"); // changes the message on the screen for user to see
thetext.style.fontFamily=thefont

}

function changeColor(thecolor)
{

thetext=document.getElementById("message");
thetext.style.color=thecolor

}

function changebackground(thebackground)
{

thetext=document.getElementById("message");
thetext.style.backgroundColor=thebackground

}

function changeSize(thesize)
{

thetext=document.getElementById("mysize");
thetext.style.fontSize=thesize

```

```

    }

    function comment()
    {
        thechoice=document.getElementById("card");//pulldown access
        themessage=document.getElementById("messagea");

        if(thechoice.value==2)
        {
            themessage.innerHTML="The price will be £3.99";
        }
        if(thechoice.value==3)
        {
            themessage.innerHTML="The price will be £2.99";
        }
        if(thechoice.value==4)
        {
            themessage.innerHTML="The price will be £2.99";
        }
        if(thechoice.value==5)
        {
            themessage.innerHTML="The price will be £6.99";
        }
    }
</script>
</head>
<body>

    <div class="jumbotron"> <!--Main navigation header-->

        <h1>Design your card</h1>

        <p>"Choose from the options below and design your card"</p>

        <a href="Index.html" class="button">Home</a><!--Buttons for navigation around site-->

        <a href="Purchase.html" class="button">Purchase</a>

    </div>
</div>

<form action="javascript:Message()" <!--Calls the message function allowing user to input details-->
<div id="Form" style="font-size:24px;text-align:center;">

    " Type the name of the person you are sending the card to....."<input type="text" id="messagedetail2"><input
    type="submit"><br><br>

    " Type the greeting you wish to say inside the card....."<input type="text" id="messagedetail"><input
    type="submit"><br><br>

```

```

" Who is the card from and how would you like it signed?....."<input type="text" id ="messagedetail3"><input
type="submit">

<p><br>" Your message will appear in the box below....."</p>

</div>

</form>

<div class="container">

  <div class="row" align=center><!--Places the card in the middle of the page -->

    <div class=" col-lg-6 ">

      <div id = "message1" style = "height:550px; width:500px; background-color:white; margin:25px; font-size:36px; font-
family:Copperplate Gothic Light; text-align:center;">"Your chosen picture here"</div>

      <div class=" col-lg-6 ">

        <div id = "message" style = "height:550px; width:500px; background-color:white;
margin:25px; font-size:36px; font-family:Copperplate Gothic Light; text-align:center;"></div>

      </div>

    </div>

  </div>

<div class="container"><!--Container to place rows and columns for each of the option to change font, colour and background-->

  <div class="row">

    <div class="col-3 col-3 col-3">

      <div id = "newfont" style = "font-size:20px; text-align:center;">Choose the font of your
message</div>

      <br><br>

      <input type = "button" onClick="javascript:changefont('Arial ')" value = "Arial " style =
"background-color:#fac3ed; color:black; border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

      <input type = "button" onClick="javascript:changefont('Calibra')" value = "Calibra" style
= "background-color:#fac3ed; color:black; border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

      <input type = "button" onClick="javascript:changefont('Courier')" value = "Courier"
style = "background-color:#fac3ed; color:black; border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

      <input type = "button" onClick="javascript:changefont('Georgia')" value = "Georgia"
style = "background-color:#fac3ed; color:black; border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

      <input type = "button" onClick="javascript:changefont('Impact ')" value = "Impact "
style = "background-color:#fac3ed; color:black; border:2px solid black;font-size:18px;padding:10px 76px;=" "><br><br>

      <input type = "button" onClick="javascript:changefont('Century Gothic')" value =
"Century Gothic" style="background-color:#fac3ed; color:black;border:2px solid black;font-size:18px;padding:10px 46px;=" ">

    </div>

    <div class="col-3 col-3 col-3">

      <div id = "mytext" style = "font-size:20px; text-align:center;">Choose the colour of your font</div>

      <br><br>

      <input type = "button" onClick="javascript:changecolor('Red ')" value = "Red " style
="background-color:#e30b46; color:black;border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

      <input type = "button" onClick="javascript:changecolor('Green ')" value = "Green " style
="background-color:#1FE30b; color:black;border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

      <input type = "button" onClick="javascript:changecolor('Blue ')" value = "Blue " style
="background-color:#3A86F3; color:black;border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

```

```

        <input type = "button" onClick="javascript:changecolor('Orange')" value = "Orange"
style ="background-color:#F3803A; color:black;border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

        <input type = "button" onClick="javascript:changecolor('Pink  ')" value = "Pink  " style
="background-color:#C33AF3; color:black;border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

        <input type = "button" onClick="javascript:changecolor('Grey  ')" value = "Grey  " style
="background-color:#8D8a86; color:black;border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

</div>

    <div class="col-3 col-3 col-3">

        <div id = "myback" style = "font-size:20px; text-align:center;">Choose the colour of your background</div>

        <br><br>

        <input type = "button" onClick="javascript:changebackground('White')" value = "White
" style ="background-color:#FFFFFF; color:black;border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

        <input type = "button" onClick="javascript:changebackground('Black')" value = "Black
" style ="background-color:#000000; color:white;border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

        <input type = "button" onClick="javascript:changebackground('Silver')" value = "Silver
" style ="background-color:#C0C0C0; color:black;border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

        <input type = "button" onClick="javascript:changebackground('Blue')" value = "Light
Blue" style ="background-color:#ADD8E6; color:black;border:2px solid black;font-size:18px;padding:10px 76px;=" "><br><br>

        <input type = "button" onClick="javascript:changebackground('Red')" value = "Red  "
style ="background-color:#FF0000; color:black;border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

        <input type = "button" onClick="javascript:changebackground('Green')" value = "Green
" style ="background-color:#81F781; color:black;border:2px solid black;font-size:18px;padding:10px 86px;=" "><br><br>

</div>

    <div class="col-3 col-3 col-3">

        <form onChange="javascript:comment()" style = "font-size:20px; text-align:center;"> <!--sets up
the javascript for the dropdown box-->

            What size would you like your card to be?<br><br><br>

            <select id="card"> <!--this is the menu title-->

                <option value ="1">A4 Portrait</option>

                <option value ="2">A4 Landscape</option>

                <option value ="3">A5 Portrait</option>

                <option value ="4">A5 Landscape</option>

                <option value ="5">A3 Full size</option>

            </select>

            </form>

            <br>

            <div id="messagea" style = "font-size:24px; text-align:center;">...</div><br> <!--Links the dropdown box to
the javascript-->

            <br><br><br><br><br><br><br><br><br>

            <a href="Purchase.html" class="button" style = "background-color:#fac3ed; color:black;
border:2px solid black;font-size:24px;padding:10px 86px;=" ">Submit</a>

        </div>

        <br><br><br>

```

```
<div class="container">

<div class="row">

  <footer id="main-footer">

    <div class="main-footer">

      <div class="row">

        <div class="col-sm-12">&copy; Copyright 2019 Site design by C Woods</div>

      </div>

    </div>

  </footer>

</div>

</body>

</html>
```

Purchase Page.

JavaScript approach –

JavaScript used to allow interaction with the user when inputting the form with validation to ensure each box is completed. Once completed the function returns the information to the user to ensure correct information has been inputted.

The monkey travels from one side of the screen to the other using JavaScript showing good design.

The paypal option has also been connected at the bottom of the page.

JUPITER MONKEY

"NOW YOU HAVE CHOSEN YOUR DESIGN WE NEED YOU TO GIVE US YOUR DETAILS SO THAT WE CAN SEND YOUR PERSONALISED CARD TO YOUR CHOSEN ADDRESS"

"PLEASE FILL IN THE FORM BELOW"

DELIVERY ADDRESS

Full name?
Miss Smith

Email address?
C Smith@hotmail.com

Address?
12 The Drive

City?
Oswestry

Country?
SA1 1AA

Choice of card?
Birthday Card 10

TOTAL AMOUNT PAYABLE
£2.00

MESSAGE TO BUYER
Message here

© Copyright 2014 Site design by C. Woods

```
<html>

    <html lang="en">

<head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no"> <!--Device size command-->

    <link rel="stylesheet" type="text/css" href="stylesheet.css" />

    <script type="text/javascript">    <!--Javascript for the monkey to move across the screen -->

var timer;//global variable

var timerright;

function moveleft()

{

    theman=document.getElementById("monkey");

    theman.style.left=theman.offsetLeft-10 // get hold of the man to make him run slowly, this function 1st

    //thessage=document.getElementById("message");
```

```

//thessage.innerHTML=theman.offsetLeft;

//thessage.innerHTML=window.innerWidth;

if(theman.offsetLeft<=0)

{

stopit();

runright();

}

}

function runleft() //set up a variable to run in the background

{

timer=setInterval(moveleft,100) // function followed by howoften 1000 milliseconds means one second

}

function stopit() //stops him running off the page

{

clearInterval(timer)

clearInterval(timerright)

}

function walkright()

{

theman=document.getElementById("monkey");

theman.style.left=theman.offsetLeft+10 // get hold of the man to make him run slowly, this function 1st

//thessage=document.getElementById("message"); - showed the size of the screen so that the monkey goes back and forth

//thessage.innerHTML=theman.style.left

//thessage.innerHTML=theman.offsetLeft;

if(theman.offsetLeft>window.innerWidth-225) // use offset left rather than style so that it doesnt treat it as a character

{

//made responsive so that image doesnt run off screen

stopit();

runleft();

}

}

function runright() //set up a variable to run in the background

{

timerright=setInterval(walkright,90) // function followed by howoften 1000 milliseconds means one second

}

function welcome()

{

thename = document.getElementById("username").value;//value=whats in the box

theemail = document.getElementById("email").value;

theaddress = document.getElementById("address").value;

```

```

        thecity = document.getElementById("city").value;

        thepostcode = document.getElementById("postcode").value;

        thecard = document.getElementById("card").value;

        theamount = document.getElementById("amount").value;

        thenote = document.getElementById("message1");

        thenote.innerHTML = "Welcome, please check your details are correct and then re-submit before proceeding to
payment<br> Name: " + thename + "<br> Email: " + theemail +

        "<br> Address: " + theaddress + "<br> City: " + thecity + "<br> Postcode: " + thepostcode +

        "<br> Purchase: " + thecard + "<br> Cost: " + theamount ;//returns the answers that user has inputted

    }

    function validate(){ //validation of the user form to ensure all boxes are completed before submission

        if(document.myForm.username.value==""){
            alert("Please provide your name");
            document.myForm.username.focus();
            return False;
        }

        if(document.myForm.email.value==""){
            alert("Please provide a valid email address");
            document.myForm.email.focus();
            return False;
        }

        if(document.myForm.address.value==""){
            alert("Please provide the first line of your delivery address");
            document.myForm.address.focus();
            return False;
        }

        if(document.myForm.city.value==""){
            alert("Please provide the City details");
            document.myForm.city.focus();
            return False;
        }

        if(document.myForm.postcode.value==""){
            alert("Please provide a valid postcode");
            document.myForm.postcode.focus();
            return False;
        }

        if(document.myForm.card.value==""){

```

```

    alert("We need to know which card you wish to order");

    document.myForm.card.focus();

    return False;

}

if(document.myForm.amount.value==""){

    alert("we need to know the cost of your card - please complete");

    document.myForm.amount.focus();

    return False;

}

}

}

</script>

</head>

<body onLoad="javascript:stopit();runright()">

 <!-- makes him move, and how far into the page he is !-
-->

<div class="jumbotron" style="background-color:white; font-family:Copperplate Gothic Light,Lucinda Bright;"> <!--Main navigation in
header-->

    <h1>Jupiter Monkey</h1>

    <p>"Now you have chosen your design we need you to give us your details so that we can send your personalised card to your
chosen address"</p>

    <p>"Please fill in the form below"</p>

    <a href="Index.html" class="button">Home</a><!--Buttons for navigation around site-->

    <a href="Purchase.html" class="button">Purchase</a>

</div>

<div class="form">

    <div class="col-sm-12"> <!--Container for the form to be placed in -->

        <div class="container">

            <div class="row">

                <div class="col-sm-12">

                    <h2>Delivery Address</h2>

                    <form action="javascript:welcomel()" name = "myForm" onsubmit = "return(validate())"> <!--form written in
Javascript so that the user can check inputted details-->

                        Full name? <input type="text" id="username" placeholder="Miss Smith">

                        Email address? <input type="text" id="email" placeholder="C Smith @hotmail.com">

                        Address? <input type="text" id="address" placeholder="12 The Drive">

                        City? <input type="text" id="city" placeholder="Swansea">

                        Postcode? <input type="text" id="postcode" placeholder="SA1 ***">

                        Choice of card? <input type="text"
id="card" placeholder="Birthday Card 15">

```

```

Total amount payable <input type="text" id="amount" placeholder="£2.99" />

Message to buyer <input type="text" id="amessage" placeholder="Message here" /><br><br>

<input type="submit">

</form>

<div id="message1">Many thanks for your purchase</div>

</div>

</div>

</div>

</div>

<div class="col-sm-12">

<form action="https://www.paypal.com/cgi-bin/webscr" method="post" target="_top">

<input type="hidden" name="cmd" value="_xclick">

<input type="hidden" name="business" value="christinewoods1@hotmail.com">

<input type="hidden" name="lc" value="US">

<input type="hidden" name="button_subtype" value="services">

<input type="hidden" name="no_note" value="0">

<input type="hidden" name="currency_code" value="GBP">

<input type="hidden" name="bn" value="PP-BuyNowBF:btn_buynowCC_LG.gif:NonHostedGuest">

<input type="image" src="https://www.paypalobjects.com/en_US/i/btn/btn_buynowCC_LG.gif" border="0"
name="submit" alt="PayPal - The safer, easier way to pay online!">



</form>

</div>

<div class="row">

<div class="col-sm-6">&copy; Copyright 2019 Site design by C Woods</div>

</div>

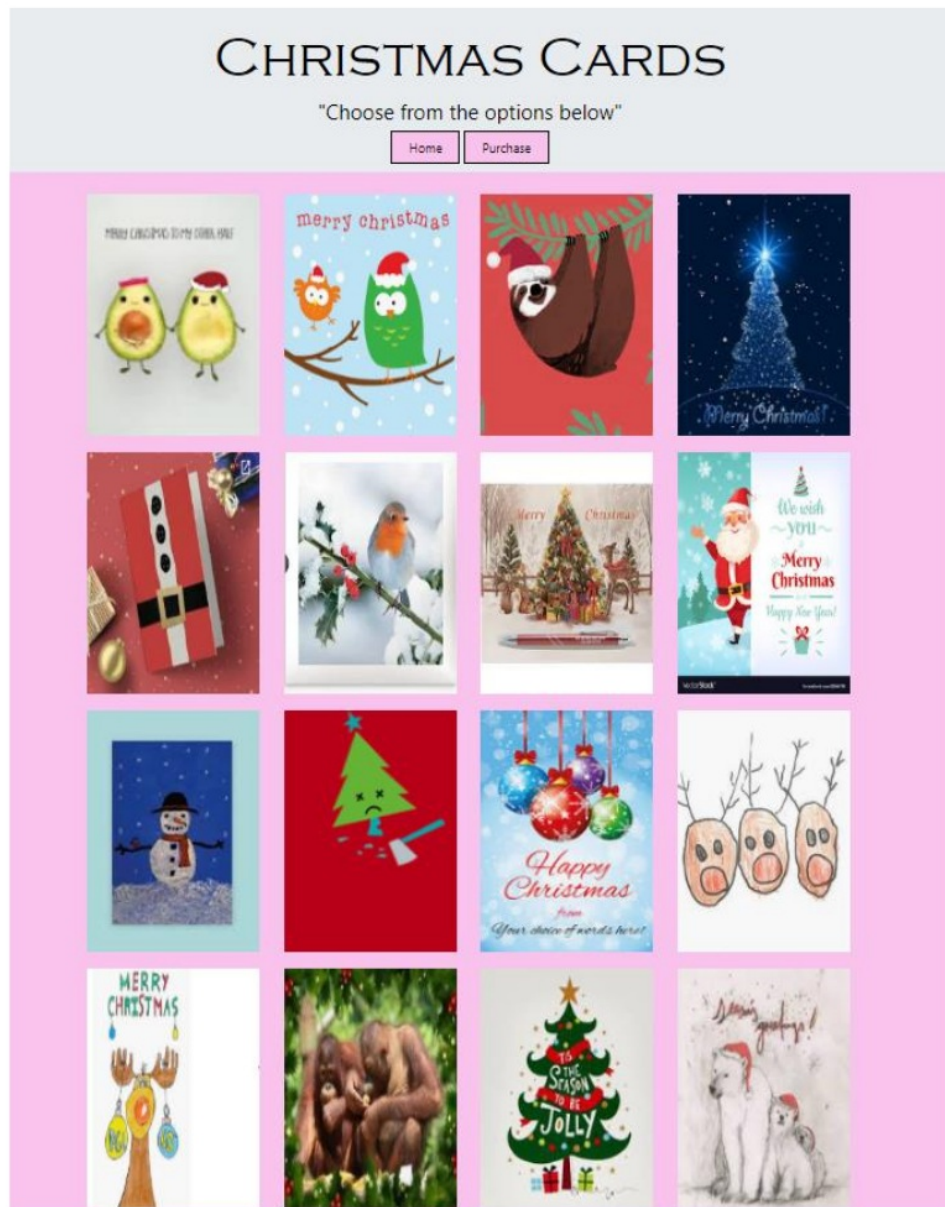
</body>

</html>

```

Christmas Cards Page.

This is a static page – further design would go on to add JavaScript to each of the images allowing them to be added to a basket or to the design page allowing the user to see their choice.



```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<!-- Required meta tags -->
```

```
<meta charset="utf-8">
```

```

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no"> <!-- Device size command-->

<!-- Bootstrap CSS -->
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
      integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
      crossorigin="anonymous">

<!-- Relevant link to CSS page-->
<link rel="stylesheet" type="text/css" href="StyleSheet.css" />
<title>JupiterMonkey.com</title>
<script type="text/javascript">

</script>
</head>

<body>
<div class="jumbotron"> <!-- Main navigation header-->
  <h1>Christmas Cards</h1>
  <p>"Choose from the options below"</p>
  <a href="Index.html" class="button">Home</a><!-- Buttons for navigation around site-->
  <a href="Purchase.html" class="button">Purchase</a>
</div>

<div class="container"><!-- Container to place rows and columns-->
  <div class="row">
    <div class="col-12 col-sm-6 col-lg-3">
      
    </div>
    <div class="col-12 col-sm-6 col-lg-3">
      
    </div>
    <div class="col-12 col-sm-6 col-lg-3">
      
    </div>
    <div class="col-12 col-sm-6 col-lg-3">
      
    </div>
  </div>

```

```

        </div>

</div>

        <br>

<div class="container"><!--Container to place rows and columns-->

    <div class="row">

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

    </div>

</div>

<br>

<div class="container"><!--Container to place rows and columns-->

    <div class="row">

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

    </div>

</div>

<br>

```

```
<div class="container"><!--Container to place rows and columns-->

<div class="row">

  <div class="col-12 col-sm-6 col-lg-3">

  </div>

  <div class="col-12 col-sm-6 col-lg-3">

  </div>

  <div class="col-12 col-sm-6 col-lg-3">

  </div>

  <div class="col-12 col-sm-6 col-lg-3">

  </div>

</div>

</div>

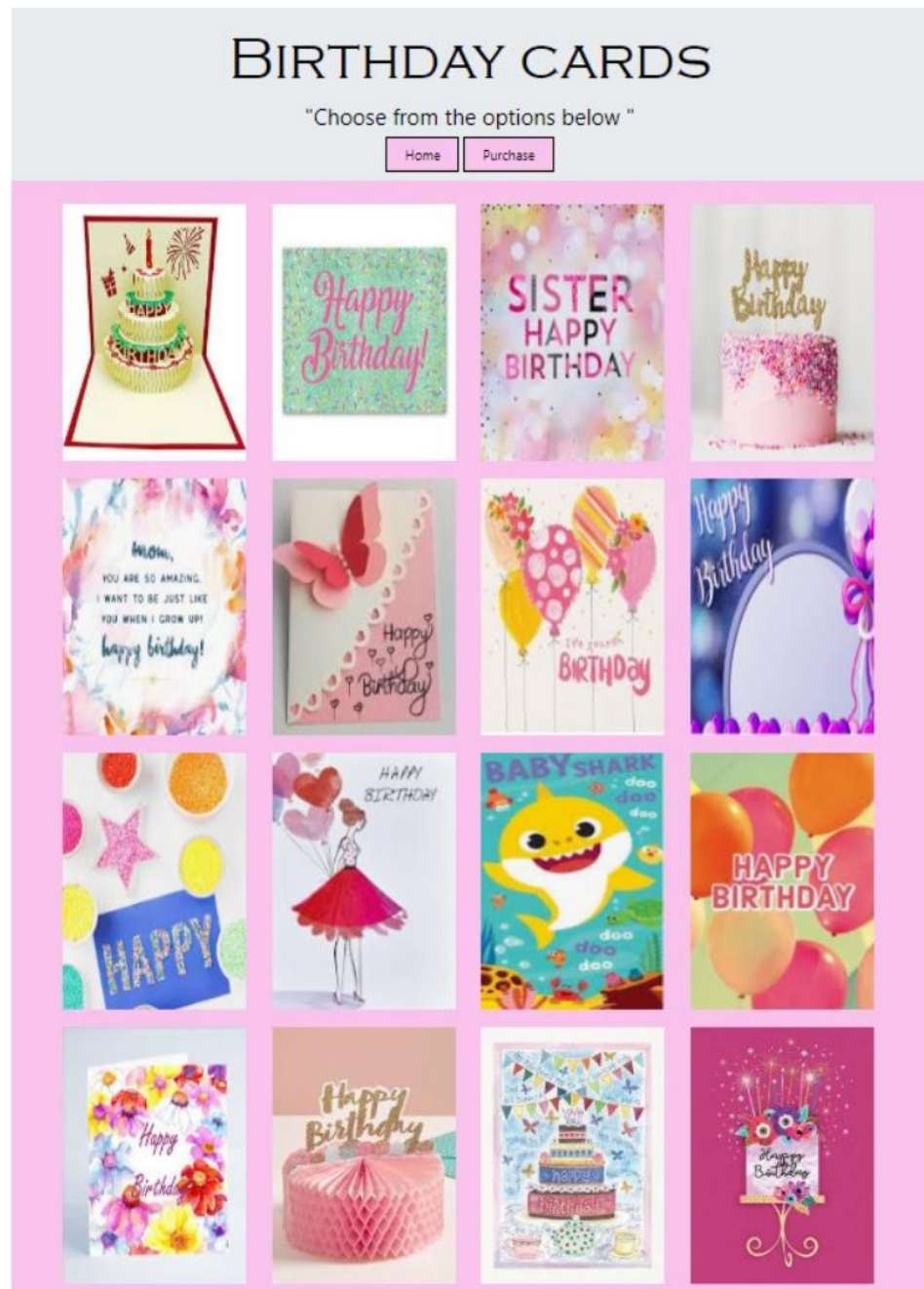
<br>

</div>

</body>
```

Birthday Cards Page.

This is a static page – further design would go on to add JavaScript to each of the images allowing them to be added to a basket or to the design page allowing the user to see their choice.



<!DOCTYPE html>

<html lang="en">

<head>

```

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no"> <!--Device size command-->


<!-- Bootstrap CSS -->

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
      integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
      crossorigin="anonymous">


<!-- Relevant link to CSS page -->

<link rel="stylesheet" type="text/css" href="StyleSheet.css" />

<title>JupiterMonkey.com</title>

<script type="text/javascript">

</script>

</head>

<body>

<div class="jumbotron"> <!-- Main navigation header -->

    <h1>Birthday cards</h1>

    <p>"Choose from the options below "</p>

    <a href="Index.html" class="button">Home</a><!-- Buttons for navigation around site -->

    <a href="Purchase.html" class="button">Purchase</a>

</div>

<div class="container"><!-- Container to place rows and columns -->

    <div class="row">

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

    </div>

</div>

<br>

```

```

<div class="container"><!--Container to place rows and columns-->

  <div class="row">

    <div class="col-12 col-sm-6 col-lg-3">

    </div>

    <div class="col-12 col-sm-6 col-lg-3">

    </div>

    <div class="col-12 col-sm-6 col-lg-3">

    </div>

    <div class="col-12 col-sm-6 col-lg-3">

    </div>

  </div>

</div>

<br>

<div class="container"><!--Container to place rows and columns-->

  <div class="row">

    <div class="col-12 col-sm-6 col-lg-3">

    </div>

    <div class="col-12 col-sm-6 col-lg-3">

    </div>

    <div class="col-12 col-sm-6 col-lg-3">

    </div>

    <div class="col-12 col-sm-6 col-lg-3">

    </div>

  </div>

</div>

<br>

<div class="container"><!--Container to place rows and columns-->

  <div class="row">

    <div class="col-12 col-sm-6 col-lg-3">

    </div>

  </div>

```

```
<div class="col-12 col-sm-6 col-lg-3">

</div>

<div class="col-12 col-sm-6 col-lg-3">

</div>

<div class="col-12 col-sm-6 col-lg-3">

</div>

</div>

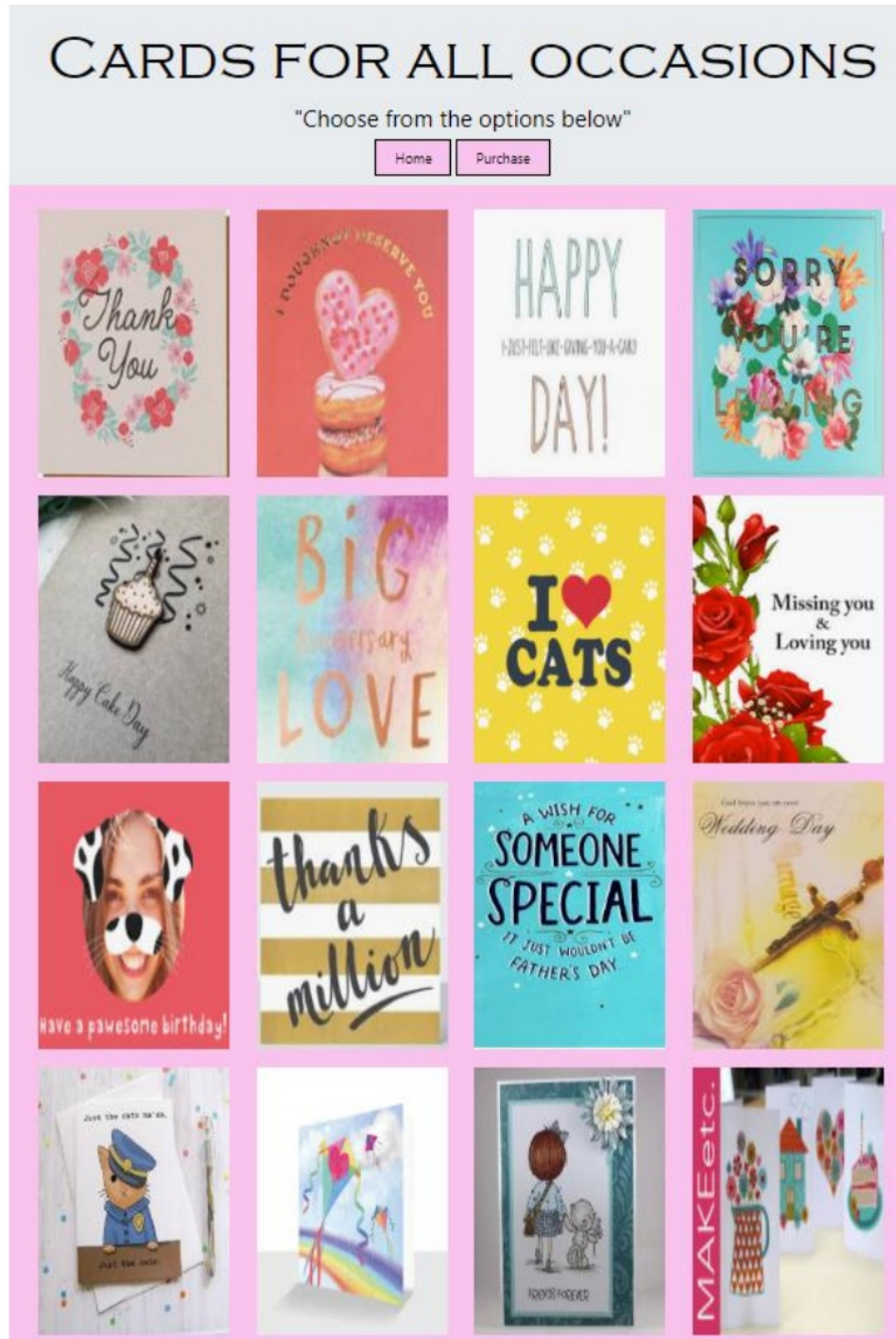
<br>

</div>

</body>
```

Occasions Cards Page.

This is a static page – further design would go on to add JavaScript to each of the images allowing them to be added to a basket or to the design page allowing the user to see their choice.



```

<!DOCTYPE html>

<html lang="en">
<head>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no"> <!-- Device size command -->

  <!-- Bootstrap CSS -->
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
    integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
    crossorigin="anonymous">

  <!-- Relevant link to CSS page -->
  <link rel="stylesheet" type="text/css" href="StyleSheet.css" />
  <title>JupiterMonkey.com</title>
<script type="text/javascript">

</script>
</head>

<body>
  <div class="jumbotron"> <!-- Main navigation header -->
    <h1>Cards for all occasions</h1>
    <p>"Choose from the options below"</p>
    <a href="Index.html" class="button">Home</a><!-- Buttons for navigation around site -->
    <a href="Purchase.html" class="button">Purchase</a>
  </div>
</div>
<div class="container"><!-- Container to place rows and columns -->
  <div class="row">
    <div class="col-12 col-sm-6 col-lg-3">
      
    </div>
    <div class="col-12 col-sm-6 col-lg-3">
      
    </div>
    <div class="col-12 col-sm-6 col-lg-3">

```

```

        
    </div>
</div>
<div class="col-12 col-sm-6 col-lg-3">
    
</div>
</div>
</div>
<br>
<div class="container"><!--Container to place rows and columns-->
    <div class="row">
        <div class="col-12 col-sm-6 col-lg-3">
            
        </div>
        <div class="col-12 col-sm-6 col-lg-3">
            
        </div>
        <div class="col-12 col-sm-6 col-lg-3">
            
        </div>
        <div class="col-12 col-sm-6 col-lg-3">
            
        </div>
    </div>
</div>
<br>
<div class="container"><!--Container to place rows and columns-->
    <div class="row">
        <div class="col-12 col-sm-6 col-lg-3">
            
        </div>
        <div class="col-12 col-sm-6 col-lg-3">
            
        </div>
        <div class="col-12 col-sm-6 col-lg-3">
            
        </div>
        <div class="col-12 col-sm-6 col-lg-3">
            
        </div>
    </div>

```

```

    </div>

</div>

<br>

<div class="container"><!--Container to place rows and columns-->

    <div class="row">

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

        <div class="col-12 col-sm-6 col-lg-3">

        </div>

    </div>

</div>

<br>

</body>

```

Stylesheet.css Page

```

.jumbotron{          /*chooses all the design for the jumbotron*/

    color: black;

    font-size:20px;

    text-align:center;

    padding-top:30px;

    padding-bottom:20px;

}

h1{                  /*chooses all the design for the heading in the jumbotron*/

    font-size:80px;

    font-family: Copperplate Gothic Light, Lucinda Bright;

}

h2{

    font-size:28px;

    font-family:Copperplate Gothic Light, Lucinda Bright;

```

```

}

.jumbotron p {      /*chooses all the design for the paragraph in the jumbotron*/
    font-size: 30px;
    padding:none;
}

.container p{        /*chooses all the design for the button in the jumbotron for the javascript*/
    text-align:center;
    color:black;
    font-size:18px;
}

body{                 /*chooses all the design for the body*/
    background-color:#fac3ed;
    background-image:url(Monkey.jpg);
}

.button{

    background-color:#fac3ed; /*chooses all the design for the navigation buttons*/
    color:black;
    border:2px solid black;
    font-size:18px;
    padding:10px 24px;
}

.button:hover{        /*chooses all the design for the hover over buttons*/
    color:black;
    background-color:grey;
    color:white;
}

.messagedetail{
    font-size:80px;
}

.html, body {
    background-image: url('background_pink.png');
    background-repeat: no-repeat;
    background-position: center;
    background-size: cover;
}

.card {

```

```

background-color:none;

color: black;

padding: 10px;

text-align:center;

font:18px;

font-family: Copperplate Gothic Light,Lucinda Bright;

border:4px solid black;
}

.form input[type=text] {

width: 100%;

padding: 25px 50px;

margin: 8px 0;

box-sizing: border-box;

font-size:18px;

}

.form {

font-family:Copperplate Gothic Light,Lucinda Bright;

font-size:20px;

padding:75px;

}

.question {

border-bottom-style:solid;

font-size:25px;

style.borderColor='#99CCFF'

style.color='#FF0000'

style.width='350'

style.textAlign='center'

```

5. References

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https://www.google.co.uk/search?q=Christmas+card+images&safe=strict&sxsrf=ACYBGNSK8E9wkRXsCgbngfIDC3UVFYixjw:1576679973626&source=Inms&tbm=isch&sa=X&ved=2ahUKEwiti4LOtr_mAhVFi1wKHXd7DrQQ_AUoAXoECA4QAw&biw=865&bih=553. [Accessed 1st Decemeber 2019].
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https://www.google.co.uk/search?safe=strict&biw=865&bih=553&tbm=isch&sxsrf=ACYBGNTjQWRRS528gblxSDGr2klf--kRXA%3A1576680231086&sa=1&ei=Jzv6Xfj3BIWoa_6skNAH&q=Birthday+card+images&oq=Birthday+card+images&gs_l=img.3..35i39j0l9.317423.318301..319948...0.0..0.. .. [Accessed 1st December 2019].
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- [13] PayPal, "PayPay Developer," 2019. [Online]. Available:
<https://developer.paypal.com/docs/api/payments/v2/>. [Accessed 26 Nov 2019].
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FINAL GRADE

66/100

GENERAL COMMENTS

Instructor

Range of coding - I like the Frequently Asked Questions, but I think it would be better written back to the page rather than using alert boxes. Alerts should really only be used for testing.

Validation on contact form is OK, but you could have a few more checks, for example, is it a valid email address, rather than just blank/not blank. Perhaps test for a sensible name length etc.

The monkey animation is suitable for the content of the site and you have extended the classwork a bit by not allowing him to go off the side of the screen.

I like how you have applied your skills to the card design page and created something useful to the user. You don't need 3 submit buttons - one will be enough as it's the same form. Some good use of parameters.

A good attempt, you've shown your skills and extended the classwork a bit.

39/60 (65%)

Overall integration of website - A reasonable layout
Colours are readable - the card design page would be tidier if you made all the boxes with the fonts etc in them the same width 7.5/10

Analysis of technical development -

You've said a fair bit about what you did, which is good, but I'd have liked a bit more about WHY you did it this way - ie the technical approach taken. eg use of parameters for efficiency, would you have done anything differently if you were starting again - more of a critical appraisal of the technical content.

9 /15

Annotated code listing(s) -

Quite clearly labelled and easy to follow on page 11 - it's a bit harder to follow in the listings further down. Perhaps highlight your comments in green to make them more readable. A bit more detail needed at times for example on the validate function 10 /15

Total: 65.5%

PAGE 1

PAGE 2

PAGE 3

PAGE 4

PAGE 5

PAGE 6

PAGE 7

PAGE 8

PAGE 9

PAGE 10

PAGE 11

PAGE 12

PAGE 13

PAGE 14

PAGE 15

PAGE 16

PAGE 17

PAGE 18

PAGE 19

PAGE 20

PAGE 21

PAGE 22

PAGE 23

PAGE 24

PAGE 25

PAGE 26

PAGE 27

PAGE 28

PAGE 29

PAGE 30

PAGE 31

PAGE 32

PAGE 33

PAGE 34

PAGE 35

PAGE 36

PAGE 37
