

Student	Christine Woods	78%
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Part 1

	Available	Marks
Load <i>iris.xlsx</i> data into data frame	3	3
Headers are correct	1	1
Species names are a factor	1	1
Loop for <i>iris Setosa</i>	4	4
Loop for <i>iris Versicolour</i>	4	4
Loop for <i>iris Virginica</i>	4	4
Binding results to <i>irisSummary</i>	3	0
Pearson correlation	5	5
Labelled scatterplot	5	5
Correct use of function	3	5
Calculation for <i>iris Setosa</i>	3	3
Calculation for <i>iris Versicolour</i>	3	3
Calculation for <i>iris Virginica</i>	3	3
Binding results to <i>irisSummary</i>	3	3
Commenting, white space, and code presentation	5	4
Comments Well spotted about the factor. The numbers of each species should have been added to <i>irisSummary</i> so that it contains 2 columns, one from <code>c("Iris-Setosa","Iris-Versicolor","Iris-Virginica")</code> and the other from <code>c(countSetosa,countVersicolor,countVirginica)</code> . Normally the functions are put before the main script so that they're accessible by everything below them.		

Part 2

	Available	Marks
Load <i>Kicks.xlsx</i> into <i>kickData</i> data frame	5	5
Generate statistics for air-filled balls	7	6
Generate statistics for helium-filled balls	7	6
Binding results to <i>kickSummary</i>	1	1
Removing the outliers	10	5
Performing the t-test	5	4
Extract data for Neil	4	0
Extract data for Jonny	4	0
Test for significant difference	2	0
Commenting, white space, and code presentation	5	5
Comments You should only have 6 rows in <i>kickSummary</i> – the one you've called 'Range' isn't needed. You've used the wrong data for the Shapiro test. It should be <i>kicksData\$Air</i> and <i>kicksData\$Helium</i>. The process you go through is fine though, although as you've used the wrong data you don't need to remove any outliers. Boxplots are fine. Again, the process and interpretation of the t-test is right, but you've used the wrong data. Excellent work.		