

Student	Jake Russell	74
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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	3
Pearson correlation	5	5
Labelled scatterplot	5	5
Correct use of function	3	3
Loop for <i>iris Setosa</i>	3	3
Loop for <i>iris Versicolour</i>	3	3
Loop for <i>iris Virginica</i>	3	3
Binding results to <i>irisSummary</i>	3	3
Commenting, white space, and code presentation	5	3
Comments Always start a script with a comment stating at least the name of the script and the author. When commenting on functions, always state with a comment that details the name of the function, the parameters it will accept, the values it will return, and the purpose of the function. Well spotted with the factors. It's a good idea to display your results, don't just calculate them. The code is very good, but you need to use more white space to make it easier to read.		

Part 2

	Available	Marks
Load <i>Kicks.xlsx</i> into <i>kickData</i> data frame	5	5
Generate statistics for air-filled balls	7	7
Generate statistics for helium-filled balls	7	7
Binding results to <i>kickSummary</i>	1	1
Removing the outliers	10	3
Performing the t-test	5	0
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	3
Comments Again, start a script with a comment stating at least the name of the script and the author. The Shapiro tests are coded correctly but not interpreted. The interpretation of the results will point to what you should do next. You only need to create boxplots to investigate the outliers if the Shapiro test returns a value $p < 0.05$.		

0 – Nothing submitted

3 – Major errors and no comments

4 – Minor errors, code does not work

5 – Code works, no comments

6 – Code works, minor comments

7 – Code works, good comments

8+ – Elegant code, fully commented and explained