

Remember to hand in your MATLAB codes and any program output.

(6 pts) There are 4 Excel files that go with this assignment. You should write a script that will use the `xlsread` command to extract the columns of data from these files. Once the data is extracted, you should fit a spline to the data. Use this spline to find and print the integral of the tabular data.

- a) You should have a loop in your program that processes each file. Do not simply repeat the same section of code 4 times.
- b) You can set up an array of strings that will make the loop easier.

```
s(1,:) = 'file1.xlsx'  
.....
```