

Task 1

Part A:

Please answer the following questions:

1. How would you open a file name `test.txt` to read only? To write only? To read and write?
 1. `open('test.txt', 'r')`
 2. `open('test.txt', 'w')`
 3. `open('test.txt', 'r+')`
2. What is the general command structure for writing to a file?
 1. `filename.write('text')`
3. How do you output a string to a file? An integer? A real number with three decimal points?
 1. String: use `f.write()`
 2. Integer: `f.write(str(integer))`
 3. Real number with three decimal points: `f.write(str(integer))`

Task 3

Part A:

1. How would you read in a string?
 1. Change it to an `int()`
2. How would you read in an integer and a float? How is this different from a string?
 - 1.
3. How could you read in a large list of data very quickly?