

CSE 214 – Data Structures

Homework 1 – Extra Credit

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Please get to this once you are done with the entire homework as the extra credit is only 10 points and it will not count till you score at least an 85 in the homework. What that means is that if you get 80 and 10 points in the extra credit, your final score with the extra credit will still be 80 points. On the other hand, if you get an 87 in the homework and 10 points in the extra credit, your final score with the extra credit will be 97 points! With the extra credit, the maximum points you can get is 110.

All you have to do for the extra credit is print out the Big(O) Notation for each method after it runs. In other words, if you run the method **Import from File** and **SUPPOSE** it has a Big(O) Notation of $O(N^2)$, you have to print that out when the method reached the end.

Sample Input / Output

// Comment in green, input in red, output in black

Starting...

Menu:

- (I) – Import from File
 - (A) – Add Person
 - (R) – Remove Person
 - (G) – Get Information on Person
 - (P) – Print Table
 - (S) – Save to File
 - (Q) – Quit
-

Please select an option: **I**

Please enter a location: **biostats.csv** // provided by the user

Loading...

Person data loaded successfully!

This method's Big(O) Notation was $O(N^2)$

// Menu not printed in sample i/o but you should print it again.

This instruction works for all 7 methods in the menu. There is 1 point per method that has the correct Big(O) Notation and 3 points for doing the entire extra credit correctly.