Project: General Instructions

General Instructions

- Use Blackboard to submit your assignment
- You can use either Java or Python in your implementations.
- Please ALWAYS submit a document that shows your algorithm choice with a brief description of how it applies to the problem (1 to 4 sentences) and how to run your script.
- You must submit your implementation along with the document using github code pull request, or as a zip file. Github is much preferred!
- Graphical User Interface is generally NOT required. You are welcome to submit the code that runs from command line and prints the answers in command line.

Coding Guidelines

- Always document your code.
- Keep modular methods, and generally, your methods should be testable by writing a unit test. If you find that your method is not unit testable, chances are it is doing too many things and should be broken down.
- Name variables and methods appropriately. Most IDEs support refactoring, so if your method scope changes, you should be able to rename the method.
- Use a Unit Testing framework. Unit tests should run automatically when the project is built.

Code Focus

- This class is not focused on UI or pretty interfaces. Avoid those unless the project specifically calls for those. Think of your code output as a webservice or a command line program invoked from a shell scrip tor a REST client such as Postman.