CS566 – Extra Credit Assignment

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**Compile Instructions**

The program is compiled in python, version 3.6.1. All the input files are put into a separate input folder. The program will read the input files during compilation.

Steps:

1. Unzip [Shi\_Hanxiong\_EC.zip] to folder [Shi\_Hanxiong\_EC]
2. $cd Shi\_Hanxiong\_EC/EC-ProgrammingAssignment
3. $python3 Algorithm\_1.py // Run algorithm 1
4. $python3 Algorithm\_2.py // Run algorithm 2

**Project Structure**

The project consists of 3 files:

* common.py – contains all common functions that are shared between Algorithm1.py and Algorithm2.py
* Algorithm1.py – functions for demo-ing Algorithm1 only
* Algorithm2.py – functions for demo-ing Algorithm2 only

The input files for the graph and direct distance files are stored under input folder. So for further testing, just simply replace both files with the same names.

**Pseudo Code**

Algorithm1

Algorithm2