Program files:

1. MatchingProbeData.py
2. LinkInfo.py
3. MapInfo.py
4. ProbeInfo.py

Input files:

1. Partition6467ProbePoints.csv
2. Partition6467LinkData.csv

Output files:

1. Partition6467MatchedPoints.csv
2. Partition6467SlopeValues.csv

Notes:

* IDE we used for running the code – PyCharm Professional 2018.3.5
* Programming language we used – python 2.7
* Required package to be installed – geopy.
* All the Program files and Input files should be in the same folder.
* Output files will be generated in the same folder containing the files.
* The explanation and approach of our assignment is presented in the file Assign2.pptx.

How to run the assignment?

Run the program file MatchingProbeData.py.

Evaluation of calculated and surveyed slope:

This evaluation is performed in console when 'MatchingProbeData.py' is executed.

See the Probe Data Analysis.pptx for detailed project information