

Homework 2

Minimum length path using BFS

- graph1k.txt:

1 to 100:

Path: 1 -> 5 -> 487 -> 175 -> 699 -> 624 -> 100

Length: 7

100 to 1:

Path: 100 -> 416 -> 354 -> 865 -> 109 -> 1

Length: 6

- graph10k.txt:

1 to 100:

Path: 1 -> 3300 -> 2607 -> 523 -> 6311 -> 5359 -> 9794 -> 5173 -> 100

Length: 9

100 to 1:

Path: 100 -> 2398 -> 3054 -> 5232 -> 8217 -> 2478 -> 7151 -> 1

Length: 8

- graph100k.txt:

1 to 100:

Path: 1 -> 17024 -> 27471 -> 14969 -> 3075 -> 4156 -> 32753 -> 14973 -> 100

Length: 9

100 to 1:

Path: 100 -> 44340 -> 54527 -> 6606 -> 53263 -> 95930 -> 98655 -> 58288 -> 1

Length: 9