PW3

3. For problems 1,2,3,4,5 a file with the lowest cost walks and their costs from 1 to 100 and from 100 to 1 in graph1k, graph10k, graph100k as they are determined by your program.

graph1k.txt

Lowest cost path from vertex 1 to vertex 100: [1, 5, 487, 175, 714, 799, 222, 561, 100] and has cost 141

Lowest cost path from vertex 100 to vertex 1: [100, 259, 229, 641, 538, 854, 1] and has cost 196

graph10k.txt

Lowest cost path from vertex 1 to vertex 100: [1, 7317, 460, 6010, 5295, 4560, 5513, 8467, 3517, 99, 9159, 6840, 5177, 7133, 288, 100] and has cost 344

Lowest cost path from vertex 100 to vertex 1: [100, 4442, 3980, 1974, 407, 4489, 5162, 2008, 3631, 2305, 8336, 1] and has cost 238

graph100k.txt

Lowest cost path from vertex 1 to vertex 100: [1, 99842, 59480, 5210, 19068, 66428, 33692, 97073, 23675, 73057, 100] and has cost 304

Lowest cost path from vertex 100 to vertex 1: [100, 85636, 77467, 52472, 38155, 40962, 34650, 29215, 35260, 1] and has cost 361