



loop.start_unroll
Read

5

0.2

randomGraph(5, 0.2)

G
Write

G.vertices
Read

G.vertices[0]
Read

G
Read

BFS_shortestPaths(G.vertices[0], G)

G.vertices
Read

G.vertices[0]
Read

G
Read

dijkstraDumb_shortestPaths(G.vertices[0], G)

5

0.4

1

2

3

4

5

randomGraph(5, 0.4, [1, 2, 3, 4, 5])

G
Write

G.vertices
Read

G.vertices[0]
Read

G
Read

dijkstra_shortestPaths(G.vertices[0], G)

10

nValues
Write

dijkstra
Read

nValues
Read

smallFrac
Read

runTrials(dijkstra, nValues, smallFrac)

nDijkstra
Write

tDijkstra
Write