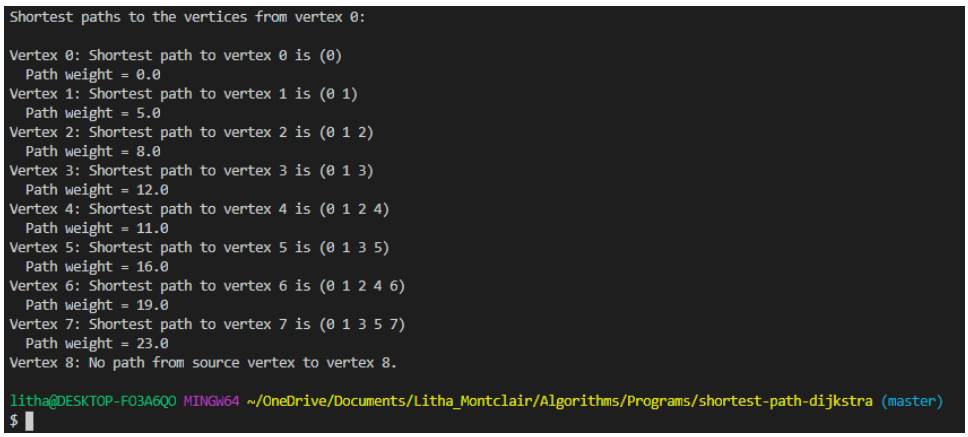
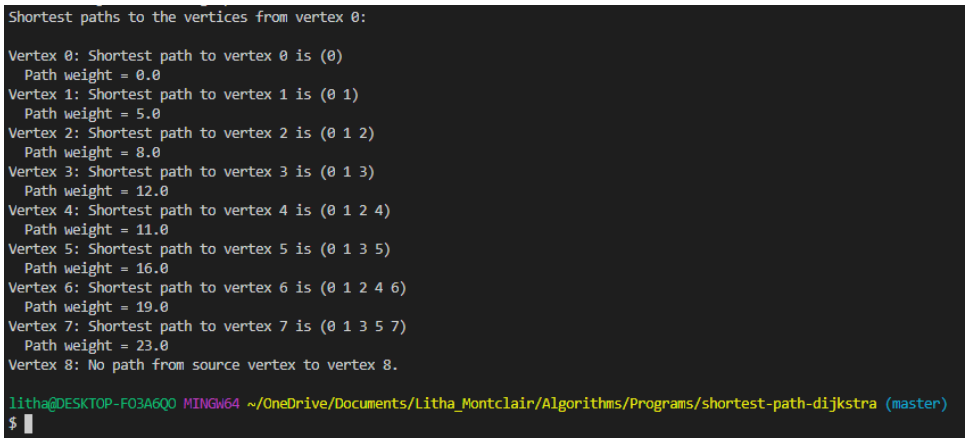
Screenshot of each input file:

1. graphData.txt with starting vertex as 0(default)



2. graphData2.txt with starting vertex as 0(default)



3. graphData3.txt with starting vertex as 0(default)

```
Shortest paths to the vertices from vertex 0:

Vertex 0: Shortest path to vertex 0 is (0)
  Path weight = 0.0
Vertex 1: Shortest path to vertex 1 is (0 1)
  Path weight = 1.0
Vertex 2: Shortest path to vertex 2 is (0 2)
  Path weight = 1.0
Vertex 3: Shortest path to vertex 3 is (0 1 3)
  Path weight = 2.0
Vertex 4: Shortest path to vertex 4 is (0 1 4)
  Path weight = 2.0
Vertex 5: Shortest path to vertex 5 is (0 1 4 5)
  Path weight = 3.0
Vertex 6: Shortest path to vertex 6 is (0 2 6)
  Path weight = 2.0
Vertex 7: Shortest path to vertex 7 is (0 2 7)
  Path weight = 2.0
Vertex 8: Shortest path to vertex 8 is (0 2 6 8)
  Path weight = 3.0
Vertex 9: Shortest path to vertex 9 is (0 2 6 9)
  Path weight = 3.0
Vertex 10: Shortest path to vertex 10 is (0 2 6 10)
  Path weight = 3.0

litha@DESKTOP-FO3A6QO MINGW64 ~/OneDrive/Documents/Litha_Montclair/Algorithms/Programs/shortest-path-dijkstra (master)
$
```

4. graphData.txt with starting vertex as 8

```
Shortest paths to the vertices from vertex 8:

Vertex 0: Shortest path to vertex 0 is (8 5 4 0)
  Path weight = 11.0
Vertex 1: Shortest path to vertex 1 is (8 5 4 0 1)
  Path weight = 16.0
Vertex 2: Shortest path to vertex 2 is (8 5 4 0 1 2)
  Path weight = 19.0
Vertex 3: Shortest path to vertex 3 is (8 5 7 3)
  Path weight = 12.0
Vertex 4: Shortest path to vertex 4 is (8 5 4)
  Path weight = 9.0
Vertex 5: Shortest path to vertex 5 is (8 5)
  Path weight = 3.0
Vertex 6: Shortest path to vertex 6 is (8 5 6)
  Path weight = 6.0
Vertex 7: Shortest path to vertex 7 is (8 5 7)
  Path weight = 10.0
Vertex 8: Shortest path to vertex 8 is (8)
  Path weight = 0.0

litha@DESKTOP-FO3A6QO MINGW64 ~/OneDrive/Documents/Litha_Montclair/Algorithms/Programs/shortest-path-dijkstra (master)
$
```