## **IT251 - DSA II**

## Assignment – 5

Name: Niraj Nandish

**Roll No:** 191IT234

Enter vertices numbers starting from 1 and not 0.

I used adjacency matrix in this assignment to represent the graph as it felt easier for me to implement Dijkstra algorithm using the matrix. The code works for both directed and undirected graph. Also, the code fails for edges with negative weights.