Dijsktra’s Algorithm

Inputs:

Number of vertices

Distances between adjacent vertices

Source vertex

Output:

Distances of source vertex from every other vertex

Why Python was chosen:

Python is easy to understand and in-built functionality such as “in” reduces a lot of busywork that becomes more complex in other languages like C++ and Java

Challenges faced:

Understanding exactly how the algorithm works, verifying correct inputs using exception handling

References:

https://www.geeksforgeeks.org/dijkstras-shortest-path-algorithm-greedy-algo-7/