

1. Path Printing : Printing the nodes while traversal

- a. Parent maintain
- b. While exploring new nodes, parent will be the exploring node.
- c. Starting from destination node's parent. [Reversed]
- d. Reverse the parent will give us the actual path of the traversal

2. Path Printing in Code : Implementation

FROM Cses.fi : [Message Route : https://cses.fi/problemset/task/1667](https://cses.fi/problemset/task/1667)

3. Shortest Path on a Weighted Graph : Dijkstra Algorithm

BFS or DFS not possible. Because its weighted graph. For this we need Dijkstra Algorithm.

Dijkstra Algorithm Theory Explained.