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Someshwars-MacBook-Pro:Assignment 8 someshwargaikwad$ g++ Assignment8.cpp graph.cpp
-o Assignment8
Someshwars-MacBook-Pro:Assignment 8 someshwargaikwad$ ./Assignment8
```

Select the Options

1. Create Graph
2. Djiktra's Algorithm
3. Display Graph
4. Exit

Your Choice: 1

Enter number of Vertices: 5

1. Enter Edge
2. Exit

Your Choice: 1

1st Node: 0
2nd Node: 1
Cost : 3

1. Enter Edge
2. Exit

Your Choice: 1

1st Node: 0
2nd Node: 2
Cost : 7

1. Enter Edge
2. Exit

Your Choice: 1

1st Node: 1
2nd Node: 2
Cost : 1

1. Enter Edge
2. Exit

Your Choice: 1

1st Node: 1
2nd Node: 4
Cost : 2

1. Enter Edge
2. Exit

Your Choice: 1

1st Node: 2
2nd Node: 3
Cost : 6

1. Enter Edge
2. Exit

Your Choice: 1

1st Node: 2
2nd Node: 4
Cost : 2

1. Enter Edge
2. Exit
Your Choice: 1

1st Node: 3
2nd Node: 4
Cost : 4

1. Enter Edge
2. Exit
Your Choice: 2

Select the Options

1. Create Graph
2. Dijkstra's Algorithm
3. Display Graph
4. Exit

Your Choice: 3

Tree:
1,0: 3
2,0: 7
2,1: 1
3,2: 6
4,1: 2
4,2: 2
4,3: 4

Select the Options

1. Create Graph
2. Dijkstra's Algorithm
3. Display Graph
4. Exit

Your Choice: 2

Enter the source node: 0

Distance of source node (0) is:

0	0
1	3
2	4
3	9
4	5

Select the Options

1. Create Graph
2. Djiktra's Algorithm
3. Display Graph
4. Exit

Your Choice: 4

End

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