Enter number of nodes : 5

Enter the nodes that are connected : 1

2

Enter the weight of the node : 5

Do u want to continue (1.Yes 2.No) : 1

Enter the nodes that are connected : 4

5

Enter the weight of the node : 4

Do u want to continue (1.Yes 2.No) : 1

Enter the nodes that are connected :

4

2

Enter the weight of the node : 5

Do u want to continue (1.Yes 2.No) : 1

Enter the nodes that are connected : 3

1

Enter the weight of the node : 8

Do u want to continue (1.Yes 2.No) : 1

Enter the nodes that are connected : 4

1

Enter the weight of the node : 7

Do u want to continue (1.Yes 2.No) : 1

Enter the nodes that are connected : 2

5

Enter the weight of the node : 2

Do u want to continue (1.Yes 2.No) : 1

Enter the nodes that are connected : 1

5

Enter the weight of the node : 9

Do u want to continue (1.Yes 2.No) : 2

0 5 8 7 9

5 0 0 5 2

8 0 0 0 0

7 5 0 0 4

9 2 0 4 0

Enter the starting point : 3

Vertex Known Dv Pv

1 1 8 3

2 0 999 0

3 1 0 0

4 0 999 0

5 0 999 0

Vertex Known Dv Pv

1 1 8 3

2 1 5 1

3 1 0 0

4 0 7 1

5 0 9 1

Vertex Known Dv Pv

1 1 8 3

2 1 5 1

3 1 0 0

4 0 5 2

5 1 2 2

Vertex Known Dv Pv

1 1 8 3

2 1 5 1

3 1 0 0

4 1 4 5

5 1 2 2

vertex(3) to vertex(1) of weight 8

vertex(1) to vertex(2) of weight 5

vertex(2) to vertex(5) of weight 2

vertex(5) to vertex(4) of weight 4

Press any key to continue . . .