

Someshwars-MacBook-Pro:Assignment 7 someshwargaikwad\$./Assignment7

Select the Options

1. Create Graph
2. Minimum Spanning Tree
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 : 1

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 : 5

1. Enter Edge
2. Exit

Your Choice: 1

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

1. Enter Edge
2. Exit

Your Choice: 1

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

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: 4
2nd Node: 3
Cost : 2

1. Enter Edge
2. Exit
Your Choice: 2

Select the Options

1. Create Graph
2. Minimum Spanning Tree
3. Display Graph
4. Exit

Your Choice: 2

Minimum Spanning Tree:
1,0: 1
4,3: 2
3,1: 3
2,1: 5
Total Cost: 11

Select the Options

1. Create Graph
2. Minimum Spanning Tree
3. Display Graph
4. Exit

Your Choice: 3

Tree:
1,0: 1
2,0: 7
2,1: 5
3,1: 3
3,2: 6
4,1: 4
4,3: 2

Select the Options

1. Create Graph
2. Minimum Spanning Tree
3. Display Graph
4. Exit

Your Choice: 4

End

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