

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

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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

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- 1. Enter Edge
  - 2. Exit

Your Choice: 1

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1st Node: 4

2nd Node: 3

Cost : 2

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- 1. Enter Edge
- 2. Exit

Your Choice: 2

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Select the Options

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

Your Choice: 2

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Minimum Spanning Tree:

1,0: 1

4,3: 2

3,1: 3

2,1: 5

Total Cost: 11

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Select the Options

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

Your Choice: 3

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Tree:

1,0: 1

2,0: 7

2,1: 5

3,1: 3

3,2: 6

4,1: 4

4,3: 2

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Select the Options

---

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

Your Choice: 4

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End

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