*/**

 Name : Sahar Kausar Hussain

 UF ID: 30887953

 Gator ID: sahar.kausar

 Discussion section # : 1087

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HW04 COP3530 Documentation

Test Case & results - 1 - MST **(User Input is bolded below and output is in red)**

```
Enter number of Nodes and Edges(s):
4 5
Enter Node A and Node B and Undirected Edge Weight(s):
0 1 5
1 3 4
3 2 2
2 0 7
1 2 10

Enter the start Node
0

Prim's MST
(0, 1)
(1, 3)
(2, 3)
Total Weight:
11

Kruskal's MST
(2, 3)
(1, 3)
(0, 1)
Total Weight:
11

Boruvka's MST:
(0, 1)
(1, 3)
(2, 3)
Total Weight:
11
```

Test Case & results - 2 - MST **(User Input is bolded below and output is in red)**

Enter number of Nodes and Edges(s):
4 5

Enter Node A and Node B and Undirected Edge Weight(s):
0 1 10
0 2 6
0 3 5
2 3 4
1 3 15

Enter the start Node
0

Prim's MST
(0, 3)
(2, 3)
(0, 1)
Total Weight:
19

Kruskal's MST
(2, 3)
(0, 3)
(0, 1)
Total Weight:
19

Boruvka's MST:
(0, 3)
(0, 1)
(2, 3)
Total Weight:
19

No Special Diagnostics were utilized — Utilized Xcode for writing my code and terminal for testing my program