



RAMANUJAN COLLEGE

(University of Delhi)

DAA PRACTICAL

Submitted By:-

Name: Reet Chauhan

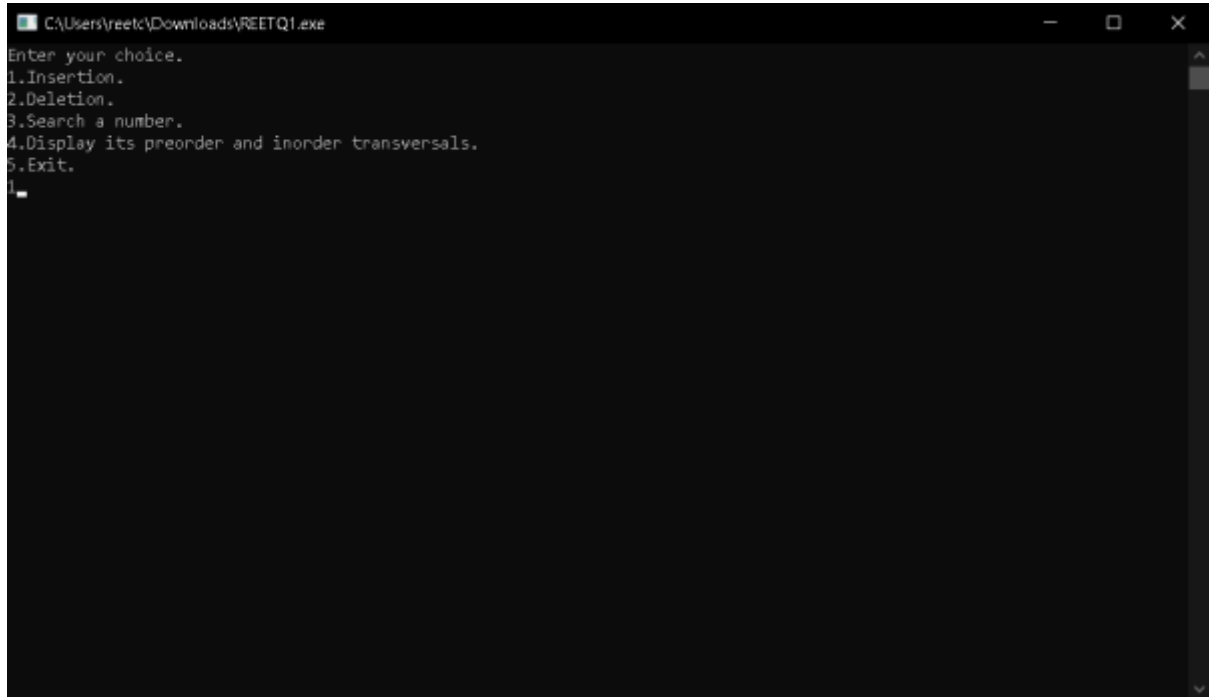
University Roll No.: 19020570029

College Roll No.: 20191432

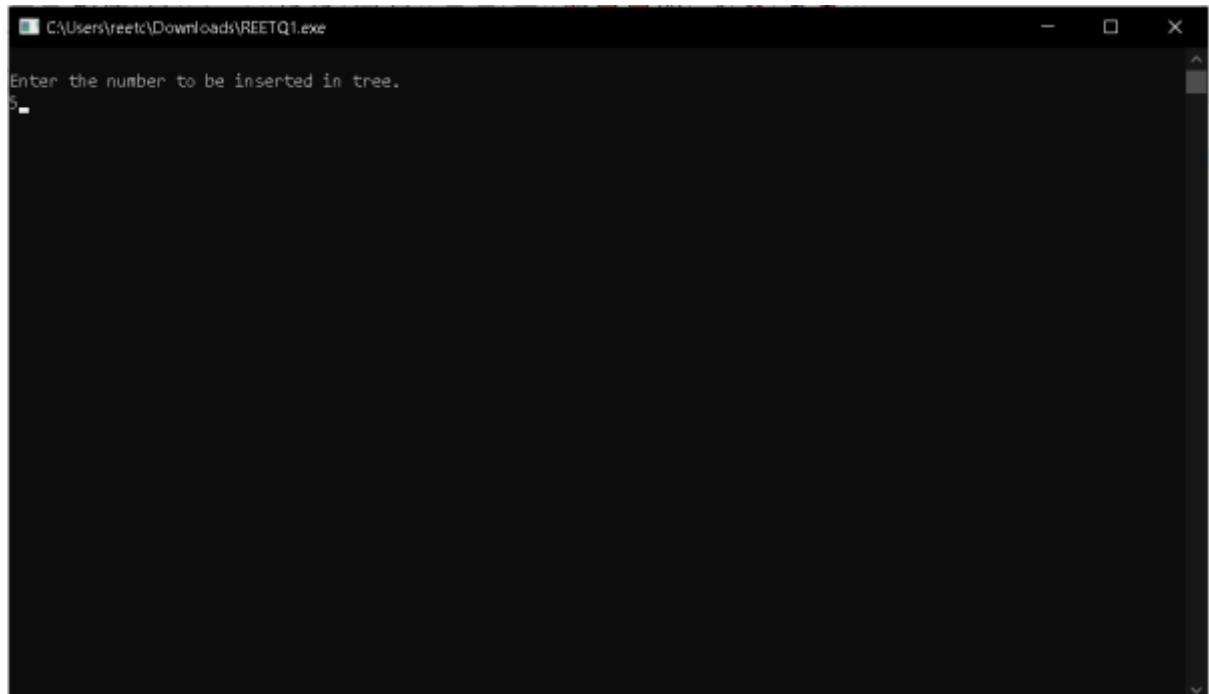
Submitted To:-

Name: Mr. Vipin Rathi

QUES 1: OUTPUTS



```
C:\Users\reetc\Downloads\REETQ1.exe
Enter your choice.
1.Insertion.
2.Deletion.
3.Search a number.
4.Display its preorder and inorder transversals.
5.Exit.
1_
```



```
C:\Users\reetc\Downloads\REETQ1.exe
Enter the number to be inserted in tree.
5_
```

```
C:\Users\reetc\Downloads\REETQ1.exe
Enter number to be deleted.
3
Press any key to continue . . .
```

```
C:\Users\reetc\Downloads\REETQ1.exe
Enter number to be searched.
5
5color:redPress any key to continue . . .
```

```
C:\Users\yeetc\Downloads\REETQ1.exe

Preorder:
Element: 2      Color: Black
Element: 1      Color: Black
Element: 5      Color: Red
Element: 4      Color: Black
Element: 6      Color: Black
Inorder:

Element: 1      Color: Black
Element: 2      Color: Black
Element: 4      Color: Black
Element: 5      Color: Red
Element: 6      Color: BlackPress any key to continue . . .
```

QUES 2: OUTPUTS

```
C:\Users\reetc\Downloads\REETQ2.exe

*****KRUSKAL'S ALGORITHM*****
Enter the no. of vertices in the graph:3

Enter the weights of the following:
edge 1 , 2 :3 , 5
edge 1 , 3 :edge 2 , 3 :

The edges in the given graph are::
< 1 , 2 > 3

After sorting the edges in the given graph are::
1 , 2 > ::3

***** THE MINIMUM SPANNING TREE IS*****The edge included in MST is :: < 1 , 2 >

-----
Process exited after 15.97 seconds with return value 0
Press any key to continue . . .
```