

Kathmandu University
Department of Computer Science and Engineering
Dhulikhel, Kavre



COMP 202

Lab Report 3

Submitted by:

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Roll No: 54

CE 2nd Year/1st Semester

Submitted To

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Department of Computer Science and Engineering

Output:

```
PS C:\Users\missi\Desktop\2nd year 1st sem\DSA\LabWorks\LW3\build> g++ -I../include ../src/main.cpp ../src/ArrayBST.cpp
PS C:\Users\missi\Desktop\2nd year 1st sem\DSA\LabWorks\LW3\build> ./a.exe
```

What operation do you want to perform? Select Option number. Enter 0 to exit.

1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()

3

isEmpty called
The tree is empty!

What operation do you want to perform? Select Option number. Enter 0 to exit.

1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()

4

isEmpty called
The tree is empty!
max called
Max: 0

What operation do you want to perform? Select Option number. Enter 0 to exit.

1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()

1

Enter the number you want:
30
Add called

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What operation do you want to perform? Select Option number. Enter 0 to exit.

1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()

1

Enter the number you want:
10
Add called

What operation do you want to perform? Select Option number. Enter 0 to exit.

1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()

1

Enter the number you want:
20
Add called

What operation do you want to perform? Select Option number. Enter 0 to exit.

1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()

1

Enter the number you want:
50
Add called

```
What operation do you want to perform? Select Option number. Enter 0 to exit.
1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()
```

```
1
Enter the number you want:
90
Add called
```

```
What operation do you want to perform? Select Option number. Enter 0 to exit.
1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()
```

```
1
Enter the number you want:
80
Add called
```

```
What operation do you want to perform? Select Option number. Enter 0 to exit.
1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()
```

```
1
Enter the number you want:
100
Add called
```

```
What operation do you want to perform? Select Option number. Enter 0 to exit.
1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()
```

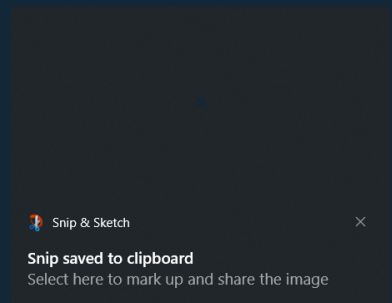
```
2
inorder called
Inorder traversal:
10 20 30 50 80 90 100
```

```
What operation do you want to perform? Select Option number. Enter 0 to exit.
1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()
```

```
4
isEmpty called
max called
Max: 100
```

```
What operation do you want to perform? Select Option number. Enter 0 to exit.
1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()
```

```
5
isEmpty called
min called
Min: 10
```



What operation do you want to perform? Select Option number. Enter 0 to exit.

1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()

3

isEmpty called

The tree is not empty

What operation do you want to perform? Select Option number. Enter 0 to exit.

1. add()
2. inorder()
3. isEmpty()
4. max()
5. min()

0

The program exited!

PS C:\Users\missi\Desktop\2nd year 1st sem\DSA\LabWorks\LW3\builld>

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