

Someshwars-MacBook-Pro:Assignment 3 someshwargaikwad\$ ./Assignment3

-----  
Select the Options  
-----

1. Create Tree
2. Display Tree
3. Display the Leaves
4. Depth of Tree
5. Copy the Tree
6. Exit

Your Choice: 1  
-----

Creating a Tree

- =====
1. Enter Data
  2. Exit

Your Choice: 1

=====

Enter Data: 8  
Enter Left of 8

- =====
1. Enter Data
  2. Exit

Your Choice: 1

=====

Enter Data: 5  
Enter Left of 5

- =====
1. Enter Data
  2. Exit

Your Choice: 1

=====

Enter Data: 3  
Enter Left of 3

- =====
1. Enter Data
  2. Exit

Your Choice: 2

=====

Enter Right of 3

- =====
1. Enter Data
  2. Exit

Your Choice: 2

=====

Enter Right of 5

- =====
1. Enter Data

2. Exit

Your Choice: 1

=====

Enter Data: 1

Enter Left of 1

=====

1. Enter Data

2. Exit

Your Choice: 2

=====

Enter Right of 1

=====

1. Enter Data

2. Exit

Your Choice: 2

=====

Enter Right of 8

=====

1. Enter Data

2. Exit

Your Choice: 1

=====

Enter Data: 9

Enter Left of 9

=====

1. Enter Data

2. Exit

Your Choice: 1

=====

Enter Data: 12

Enter Left of 12

=====

1. Enter Data

2. Exit

Your Choice: 2

=====

Enter Right of 12

=====

1. Enter Data

2. Exit

Your Choice: 2

=====

Enter Right of 9

=====

1. Enter Data

2. Exit

Your Choice: 1

```
=====
Enter Data: 13
Enter Left of 13
=====
1. Enter Data
2. Exit
```

Your Choice: 2

```
=====
Enter Right of 13
=====
1. Enter Data
2. Exit
```

Your Choice: 2

```
=====
Tree Created
```

```
-----
Select the Options
-----
1. Create Tree
2. Display Tree
3. Display the Leaves
4. Depth of Tree
5. Copy the Tree
6. Exit
```

Your Choice: 2

```
-----
Tree: 3 5 1 8 12 9 13
```

```
-----
Select the Options
-----
1. Create Tree
2. Display Tree
3. Display the Leaves
4. Depth of Tree
5. Copy the Tree
6. Exit
```

Your Choice: 3

```
-----
Leaves: 3 1 12 13
```

```
-----
Select the Options
-----
1. Create Tree
2. Display Tree
3. Display the Leaves
4. Depth of Tree
```

5. Copy the Tree
6. Exit

Your Choice: 4

-----

Depth: 2

-----

Select the Options

-----

1. Create Tree
2. Display Tree
3. Display the Leaves
4. Depth of Tree
5. Copy the Tree
6. Exit

Your Choice: 5

-----

Copying Tree  
Tree Copied

Tree: 3 5 1 8 12 9 13

-----

Select the Options

-----

1. Create Tree
2. Display Tree
3. Display the Leaves
4. Depth of Tree
5. Copy the Tree
6. Exit

Your Choice: 6

-----

End

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