

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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