```
aryan@aryan-SVE15123CNB:~/Desktop/SecondSem$ ./a.out
Enter data : A

For left node of A
Enter data : B

For left node of B
Enter data : 0

For right node of B
Enter data : D

For left node of D
Enter data : E

For left node of E
Enter data : 0

For right node of E
Enter data : 0

For right node of D
Enter data : F

For left node of F
Enter data : 0

For right node of F
Enter data : 0

For right node of A
Enter data : C

For left node of C
Enter data : G

For left node of G
Enter data : 0

For right node of G
Enter data : 0

For right node of C
Enter data : H

For left node of H
Enter data : 0

For right node of H
Enter data : 0


Press 1 to display a tree.
Press 2 to find depth of a tree.
Press 3 to find leaf nodes of the tree.
Press 4 to create a copy of the tree.
Press 9 to exit.


Your choice : 1

Binary tree is :
        B
        E
        D
        F
```

```
        A
        G
        C
        H


Press 1 to display a tree.
Press 2 to find depth of a tree.
Press 3 to find leaf nodes of the tree.
Press 4 to create a copy of the tree.
Press 9 to exit.


Your choice : 2

Depth of tree is : 3


Press 1 to display a tree.
Press 2 to find depth of a tree.
Press 3 to find leaf nodes of the tree.
Press 4 to create a copy of the tree.
Press 9 to exit.


Your choice : 3
Leaf nodes are :
E
F
G
H


Press 1 to display a tree.
Press 2 to find depth of a tree.
Press 3 to find leaf nodes of the tree.
Press 4 to create a copy of the tree.
Press 9 to exit.


Your choice : 4
Tree copied!


Press 1 to display a tree.
Press 2 to find depth of a tree.
Press 3 to find leaf nodes of the tree.
Press 4 to create a copy of the tree.
Press 9 to exit.


Your choice : 5


Check choice!



Press 1 to display a tree.
Press 2 to find depth of a tree.
Press 3 to find leaf nodes of the tree.
Press 4 to create a copy of the tree.
Press 9 to exit.


Your choice : 9
```

Thank You!