

Q1 - Implement binary search tree

A binary search tree is a tree that contains numerous values. The value is stored in a basic unit “node” to construct a tree. You have to construct a binary search tree in this lab and print out value in the post-order form.

Input Format

The input is a sequence of node that you need to insert one by one. All of the nodes are integers.

Constraints

The length of the input sequence will be less than 1000.

Output Format

The output is the post-order form of the binary search tree.

Sample Input 0

```
50
35
20
5
25
45
75
55
65
```

Sample Output 0

```
5
25
20
45
35
65
55
75
50
```

Explanation 0

