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**Inserting in a binary search tree****P94818\_en**

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Write a program that forms a binary search tree from a given sequence of natural numbers. Each new integer must be placed at the only leaf that allows to maintain the property of the binary search trees. The repeated elements must be ignored.

**Input**

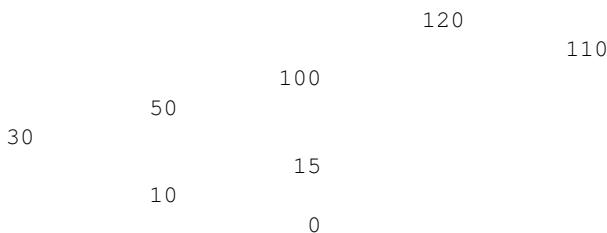
Input is a non empty sequence of natural numbers.

**Output**

Your program must print the resulting tree, following the same format of the instances (which is the same that the format of the exercise **ESCAR**, but now with natural numbers).

**Sample input 1**

```
30
10
50
0
100
15
50
120
30
30
110
```

**Sample output 1****Problem information**

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