Write a program that reads a binary tree of words, and that prints it following the format of the sample.

**Input**

Input consists of the description of a tree, which is a preorder traversal of its words, marking the empty trees with ‘−1’. You can assume that the given words have less than ten letters.

**Output**

Your program must print the tree following the format of the sample. Notice that each level of the tree is printed using ten characters.

**Sample input**

va tenir sis -1 polls -1 -1 xics -1 -1 pics pellarics -1 -1 camatorts i -1 becarics -1 -1 -1

**Sample output**

```
camatorts
  becarics
    i
  pics
    pellarics
  va
    xics
  tenir
    polls	sis
```