

Z11868_en

Write a program that first reads a binary tree of integer numbers in pre-order. The input binary tree will be always a BST. Then, the program reads a sequence of integer numbers, and for each number in the sequence determines whether the number is or not in the input BST.

| | |
|-----|---|
| 60 | 1 |
| 180 | 1 |
| 400 | 1 |
| 310 | 1 |
| 160 | 0 |
| 0 | 0 |
| 500 | 0 |

<https://judge.org>