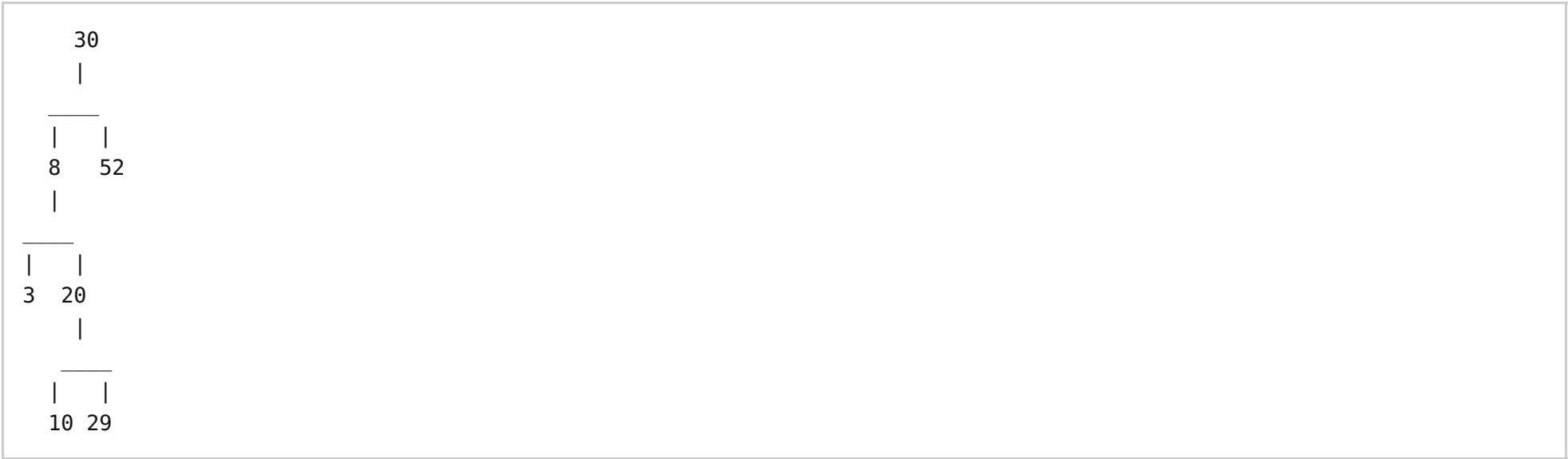


LOWEST COMMON ANCESTOR

CHALLENGE DESCRIPTION:

Write a program to determine the lowest common ancestor of two nodes in a binary search tree. You may hardcode the following binary search tree in your program:



INPUT SAMPLE:

The first argument is a path to a file that contains two values. These values represent two nodes within the tree, one per line. E.g.:

```
8 52
3 29
```

OUTPUT SAMPLE:

Print to stdout the lowest common ancestor, one per line. Lowest means the lowest depth in the tree, not the lowest value. E.g.:

```
30
8
```