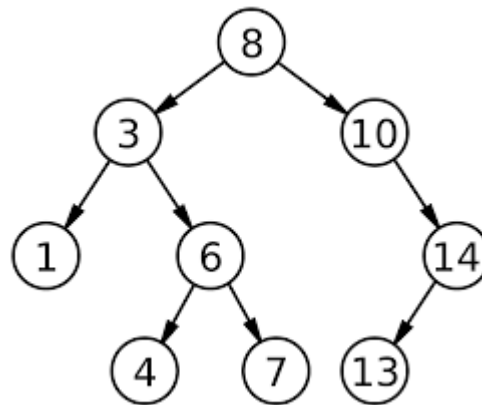


CS211 Lab 5

BINARY TREES



Write a Java program that takes in a list of numbers, inserts them into a binary tree and then outputs how many levels the resulting binary tree has.

The interaction should look something like this:

```
Enter the numbers to insert: 8,3,1,6,4,7,10,14,13
```

```
The resulting binary tree has 4 levels
```

PEN AND PAPER EXERCISE

Show on paper the binary tree that results when the following numbers are inserted:

19,81,52,84,40,89,71,36,29,88,82,77,95,51,32,21,47,35,20

How many levels does it have? See if your program agrees.