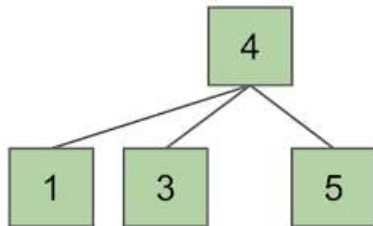


Which of the following are valid Binary Search Trees? \*

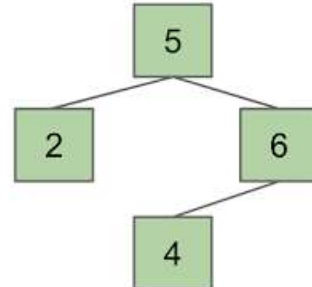
4 points

Select all that apply.

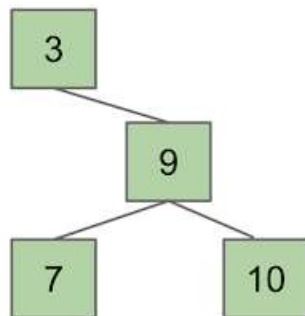
Tree 1



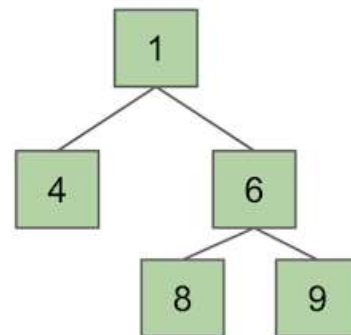
Tree 2



Tree 3



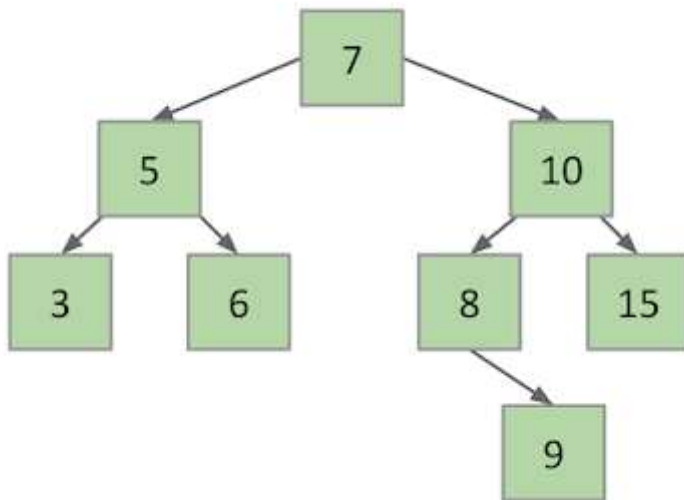
Tree 4



- ☐ Tree 1
- ☐ Tree 2
- ☐ Tree 3
- ☐ Tree 4

If I insert **11** into the BST below, where would it end up? \*

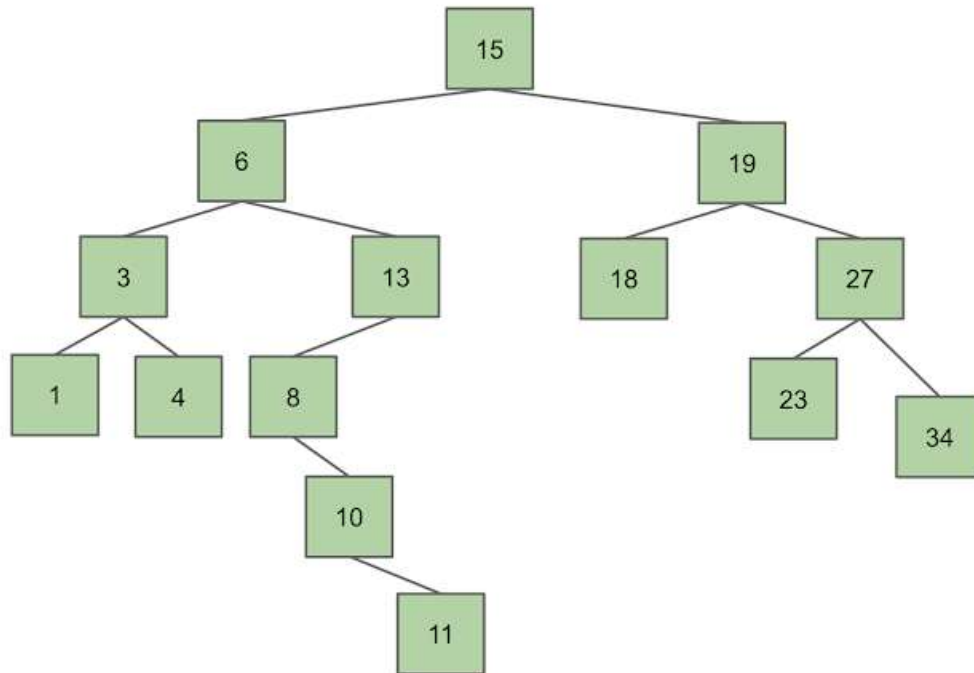
1 point



- ☐ The left child of 9
- ☐ The right child of 9
- ☐ The left child of 15
- ☐ The right child of 15

Suppose we wanted to delete **15** using Hibbard Deletion. Which nodes can \* 4 points  
we promote to be the new root?

Select all that apply.



- ☐ Node 6
- ☐ Node 13
- ☐ Node 11
- ☐ Node 19
- ☐ Node 18

A copy of your responses will be emailed to [yiyunchen@berkeley.edu](mailto:yiyunchen@berkeley.edu).

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