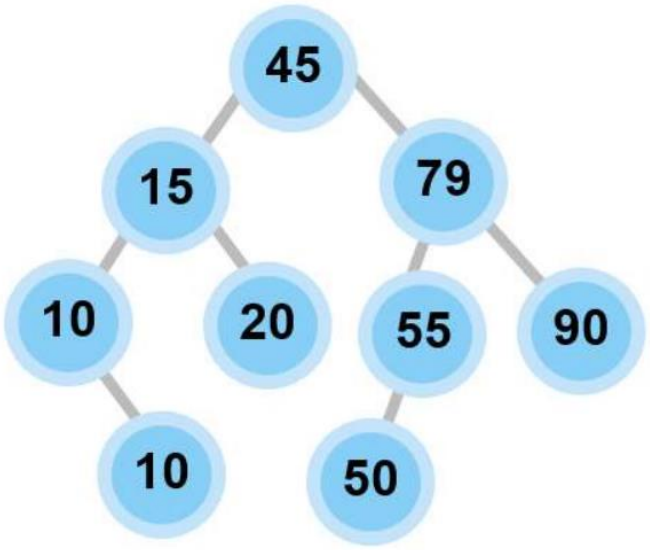


1) Traverse this following tree using all the traversal algorithms you learned.

Breadth First : 45 , 15 , 79 , 10 , 20 , 55 , 90 , 10 , 50

Pre-order : 45 , 15 , 10 , 10 , 20 , 79 , 55 , 50 , 90

In-order : 10 , 10 , 15 , 20 , 45 , 50 , 55 , 79 , 90

Post-order : 10 , 10 , 20 , 15 , 50 , 55 , 90 , 79 , 45

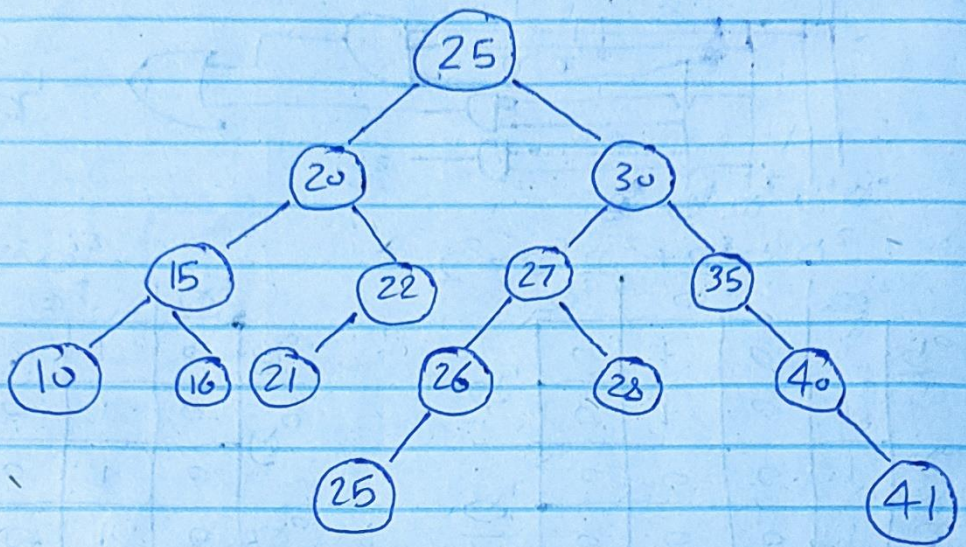
2) for the last tree write (which element is siblings, write all leaves, how many levels in this tree) what kind of this tree?

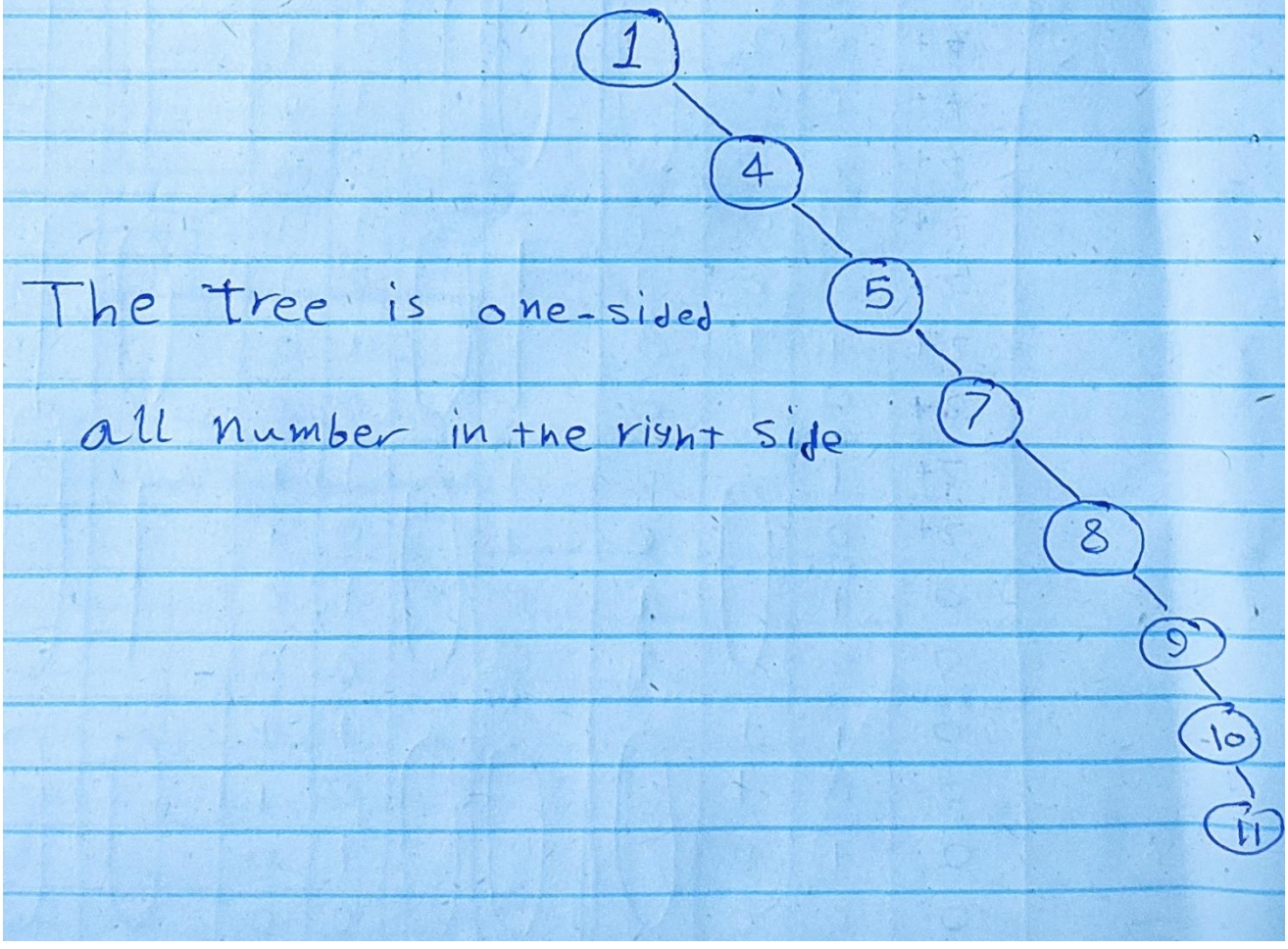
Siblings: (15,27) , (10,20) , (55,90)

leaves: 10 , 20 , 50 , 90

4-levels

Binary Search Tree





The tree is one-sided

all number in the right side