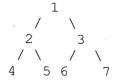
Question statement (6):

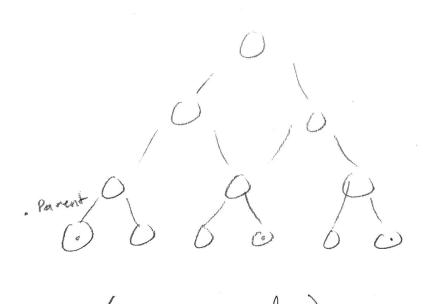
Given pointers to two nodes a and b in a rooted binary tree (not BST) where every node has a pointer to its parent, determine whether the two nodes have a common ancestor besides the root.

You can give the candidate a prototype of the function like:

Example



haveCommonAncestorsBesideRoot(4, 5, 1) -> true
haveCommonAncestorsBesideRoot(4, 6, 1) -> false

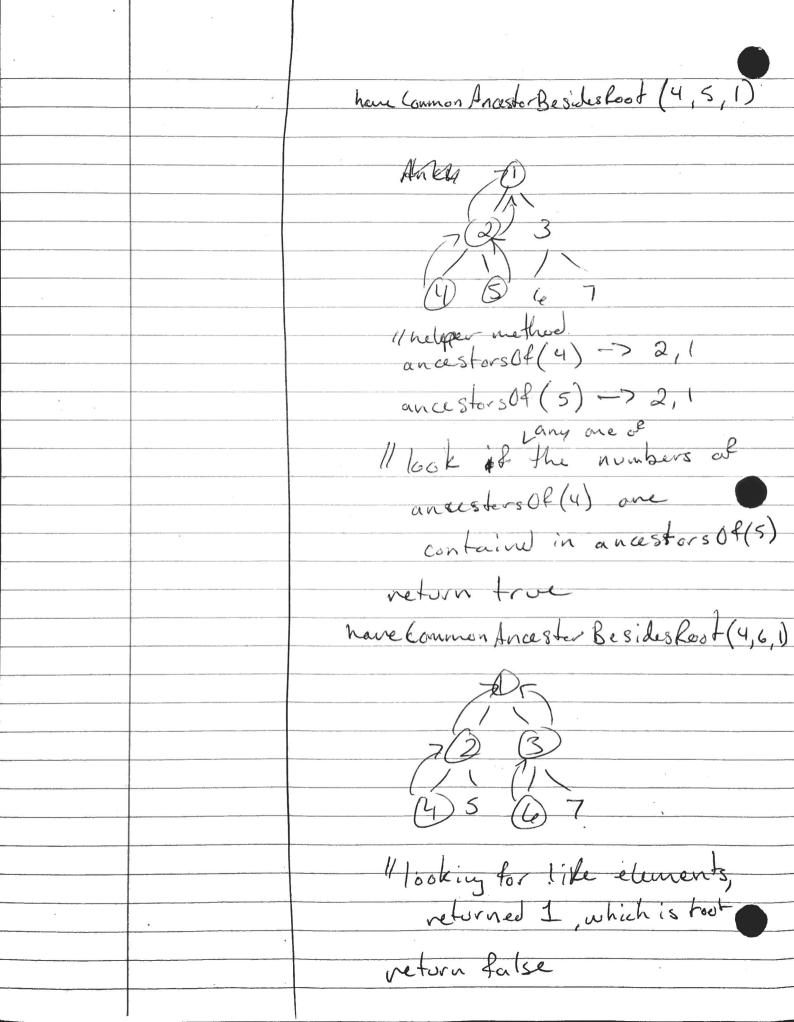


avestion 6

Tolentily

the prob

(what's going?)) we need to find out roots of 2 nodes Deline e) they we have to find out it the I nocles one have the same needt jue, are in the same subtree Sounds like a dynamic programming 1) workout Eg.s by hand E-tolore/ Anticipate through Duke's through pproach 1/ save all subtree of 1 structe then check if 2 nd node is inside of the subtree of 1 st



2) write what I did all ancesters of a siven node ·) Sub Prob 2: Seeing if 2 nodes bane same node aside from root