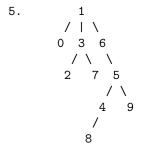
226 Assignment One: Written

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- a) 1 1 0 0 1 1 0 1 0 0 1 1 0 0
- a) How many times is k incremented?K is incremented exactly N times.
 - b) How many times is build() called? B is called for every internal node and every external node which equals N + N + 1;
- 3. 3 2 1 1 0 0 1 1 2 1
- 4. If the id[p] is p then the for loop will change the id[p] to q, but the vertices with and



It is not the result of a weighted union find because the height of the tree is 4 and the height