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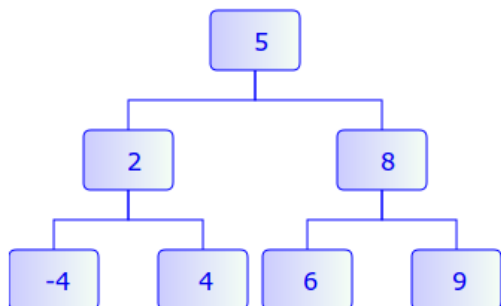# SDE Technical Test - November

Question 2 / 4

You are given a function **printKDistanceNodes** which takes in a root node of a binary tree, a start node and an integer **K**. Complete the function to print

the value of all the nodes (one-per-line) which are a **K** distance from the given start node in sorted order. Distance can be upwards or downwards.

Example:

Sample Input:

Root node: 5

Given start node: 8

Distance (K): 1

Sample Output:

5

6

9

Pick your language   C   C++   Java

```
39  void printKDistanceNodes(node *root, node *start, int K){
40  /*
41  struct node {
42   struct node *left,*right;
43   int val;
44  };
45  typedef struct node* node;
46  The struct is already declared, you can just start using it
47  */
48  }
```

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