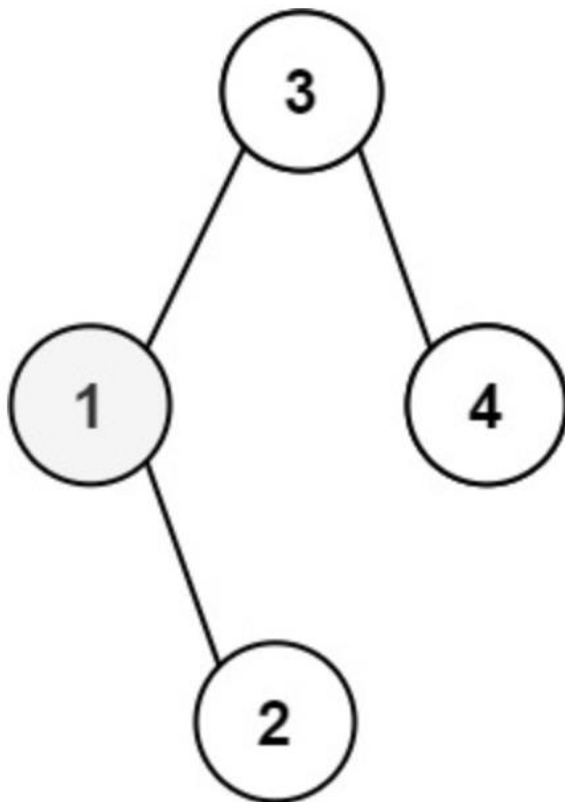


Lab 11- BST Task

Given the root of a binary search tree, and an integer k, return the kth smallest value (1-indexed) of all the values of the nodes in the tree.

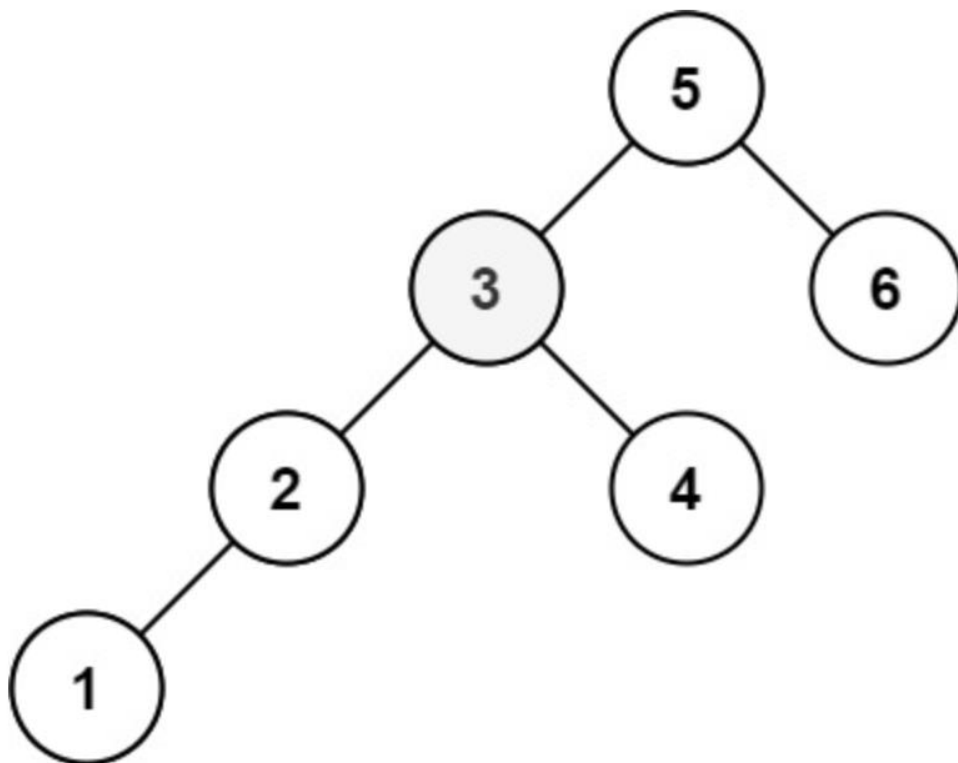
Example 1:



Input: `root = [3,1,4,null,2]`, `k = 1`

Output: 1

Example 2:



Input: root = [5,3,6,2,4,null,null,1], k = 3

Output: 3