```
class Node {
  constructor(data) {
    this.data = data;
    this.right = null;
    this.left = null;
class BST {
  constructor() {
    this.root = null;
  insert(val) {
    const newNode = new Node(val);
    if (!this.root) {
      this.root = newNode;
      return;
    let current = this.root;
    while (current) {
      if (val < current.data) {</pre>
        if (!current.left) {
          current.left = newNode;
          return;
        current = current.left;
      } else if (val > current.data) {
        if (!current.right) {
          current.right = newNode;
          return;
        current = current.right;
      } else {
        return;
  printInOrder(node = this.root) {
    if (!node) return [];
    return [
      ...this.printInOrder(node.left),
      node.data,
      ...this.printInOrder(node.right),
    ];
  printKthSmallest(node = this.root, k) {
    if (!node) return [];
    let arr = this.printInOrder(node);
    return arr[k];
  }
const tree = new BST();
```

```
tree.insert(5);
tree.insert(3);
tree.insert(7);
tree.insert(2);
tree.insert(4);
tree.insert(6);
tree.insert(6);
tree.insert(8);
//console.log(tree.printInOrder())
console.log(tree.printKthSmallest(tree.root, 2));
```