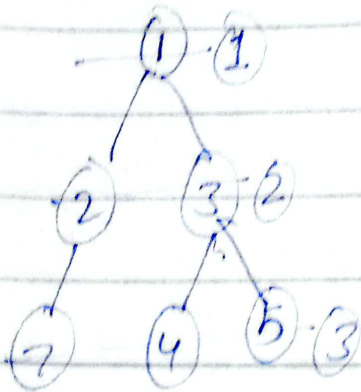


kth level of a Binary Tree



k=3 [7, 4, 5]

Using Recursion

Move k in the levels and decrement it by 1 repeatedly until $k=1$.

Pseudocode

```
void kthlevel(root, k) {
```

```
    if (root == NULL) {
```

```
        return;
```

```
    if (k == 1) {
```

```
        cout << root->data;
```

```
        return
```

```
    }
```

```
    kthlevel(root->left, k-1)
```

```
    kthlevel(root->right, k-1)
```

```
}
```

TC = $O(n)$