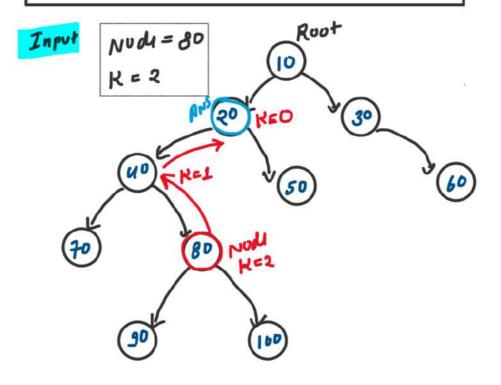


## 1. Kth Ancestor of a Node in Binary Tree (GFG)



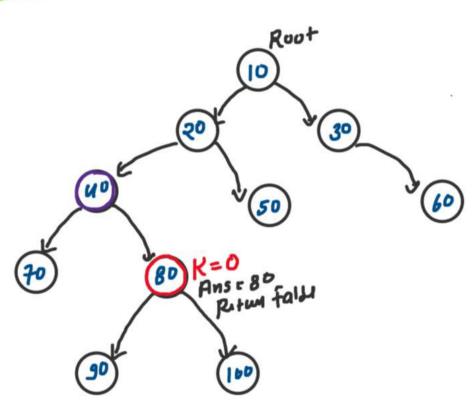
Output = 20

## Approach

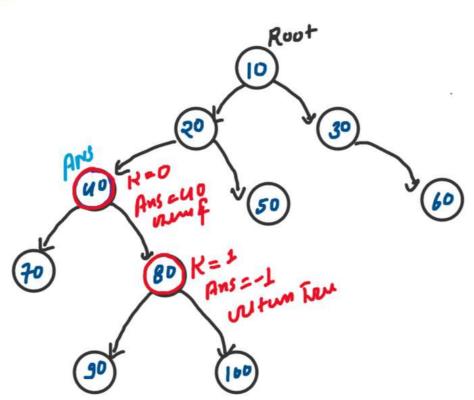
STEPT FIRST FIND the aim node = 80

STEP2 TROUMSAI back from found Nodu Locatium Jab tal? K==0 Na Ho

STEP3 if(K==0) (> Ryum Root NOd4 > Val DRY RUN



DRY RUN

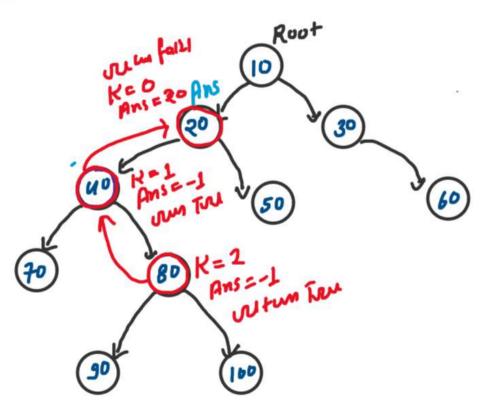


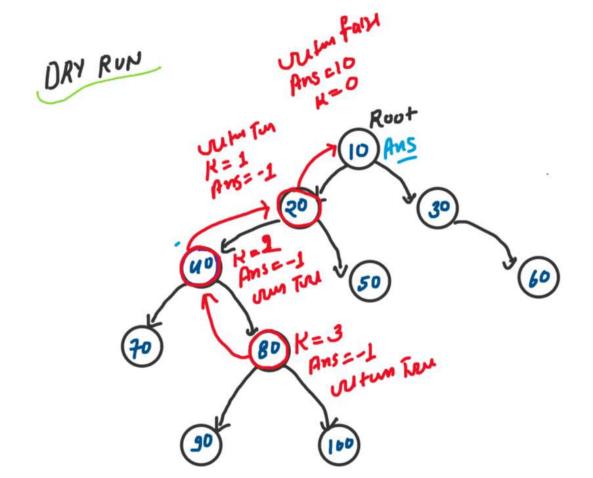
K=1

K = 80

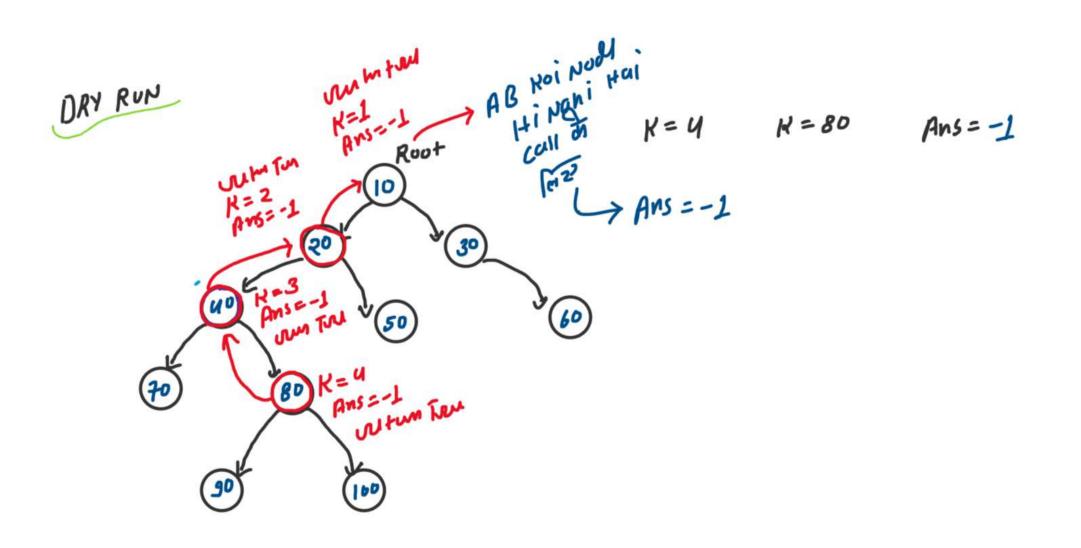
Ans = 40

DRY RUN





Ans = 10



```
...
bool ancestor(Node* root, int nodeVal, int &k, int &ans) {
   if(root == NULL){
   if(root->data == nodeVal){
           if(rightSub == true){
```

T.c. and 5.c. = ?