OLA

```
def countLeaves(root):
    # Code here
    if root==None:
        return 0
    if root.left==None and root.right==None:
        return 1
    return countLeaves(root.left)+countLeaves(root.right)
```

```
def findSingle(self, N, arr):
    # code here
    ans=0
    for i in range(N):
        ans^=arr[i]
    return ans
```

```
#Kandane
def maxSubArraySum(self,arr,N):
    ##Your code here
    currentMaxSum=-100000000
    maxEndHere=0
    for i in range(len(arr)):
        maxEndHere+=arr[i]
        if currentMaxSum<maxEndHere:
            currentMaxSum=maxEndHere
        if maxEndHere<0:
            maxEndHere=0
    return currentMaxSum
```