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SEC-F ROLL NO.-55(161500546)

AIM-Quicksort1-Partition

CODE-

```
def quickSort():
    n=int(input())
    arr=[]
    arr = list(map(int,input().rstrip().split()))

    right,left,equal=[], [], []

    p=arr[0]

    for i in arr:
        if i>p:
            right.append(i)

        elif i<p:
            left.append(i)

        else:
            equal.append(i)

    for t in left:
        print (t,end=' ')

    print(equal[0],end=' ')

    for k in right:
        print (k,end=' ')

quickSort()
```

INPUT-5

4 5 3 7 2

OUTPUT-3 2 4 5 7