

```
n=int(input("enter size: "))
a=[]
for _ in range(n):
    a.append(int(input("enter elements: ")))
def qui(a):
    if len(a)<=1:
        return a
    else:
        p=a.pop()
        l=[]
        g=[]
        for i in a:
            if i>p:
                g.append(i)
            else:
                l.append(i)
        return qui(l)+[p]+qui(g)

print(qui(a))
```