```
def Quick_sort(arr,left,right):
    if left<right:
        partition_pos=partition(arr,left,right)
        Quick_sort(arr,left,partition_pos-1)
        Quick_sort(arr,partition_pos+1,right)
def partition(arr,left,right):
    i=left
    j=right-1
    pivot=arr[right]
    while i<j:
        while(i<right) and arr[i]<pivot:
            i+=1
        while(j>left) and arr[j]>=pivot:
            j-=1
        if i<j:
            arr[i],arr[j]=arr[j],arr[i]
    if arr[i]>pivot:
        arr[i],arr[right]=arr[right],arr[i]
    return i
def reverse_sort(Score_list):
    for i in range(len(Score_list)):
        min_score=i
        for j in range(i+1,len(Score_list)):
            Score_list[j]>min_score
            min_score=j
            Score_list[i],Score_list[min_score]=Score_list[min_score],Score_list[i]
```

```
def top_five(Score_list):
    Quick_sort(Score_list,0,len(Score_list)-1)
    reverse_sort(Score_list)

    temp=[]
    for i in range(5):
        temp=Score_list[i]
        print(temp)



n=int(input("Enter the no. of students present in the class:"))
print("Enter the scores:(in float point)")
Score_list=[]
for i in range(n):
    data=float(input())
    Score_list.append(data)
print("Unsorted Score:",Score_list)

Quick_sort(Score_list,0,len(Score_list)-1)
print("Sorted Scores:",Score_list)
print("Top Five scores:")
top_five(Score_list)
```

OUTPUT

```
Enter the no. of students present in the class:5
Enter the scores:(in float point)
96.90
78.56
85.89
83.48
96.03
Unsorted Score: [96.9, 78.56, 85.89, 83.48, 96.03]
Sorted Scores: [78.56, 83.48, 85.89, 96.03, 96.9]
Top Five scores:
96.9
96.03
85.89
83.48
78.56
```