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```
1 from array import*
2 A=[]
3 n=int(input("enter no. of students"))
4 for i in range (n):
5     perc=float(input("enter percentage"))
6     A.append(perc)
7
8 for i in range(n-1):
9     for j in range(n-1-i):
10        if(A[j]>A[j+1]):
11            temp=A[j]
12            A[j]=A[j+1]
13            A[j+1]=temp
14
15
16 print("sorted percentage in assending
order",A)
17
18
19 B=[]
20 n=int(input("enter no. of students"))
21 for i in range (n):
22     perc=float(input("enter percentage"))
23     B.append(perc)
24
25 for i in range(0,len(B)-1):
26     for j in range(i+1,len(B)-1):
27
28         if(B[i]<B[j]):
29             temp=B[i]
30             B[i]=B[j]
31             B[j]=temp
```

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```
19 B=[]
20 n=int(input("enter no. of students"))
21 for i in range (n):
22     perc=float(input("enter percentage"))
23     B.append(perc)
24
25 for i in range(0,len(B)-1):
26     for j in range(i+1,len(B)-1):
27
28         if(B[i]<B[j]):
29             temp=B[i]
30             B[i]=B[j]
31             B[j]=temp
32             ++j
33             ++i
34
35 print("rank 1",B[0])
36 print("rank 2",B[1])
37 print("rank 3",B[2])
38 print("rank 4",B[3])
39 print("rank 5",B[4])
40 print("desending order",B)
41
42 |
43
44
45
46
47
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```
enter no. of students5
enter percentage74.3
enter percentage80.3
enter percentage92.4
enter percentage90.2
enter percentage56.4
sorted percentage in assending order [56.4, 74.3, 80.3, 90.2
, 92.4]
enter no. of students7
enter percentage74.3
enter percentage90.3
enter percentage67.5
enter percentage34.3
enter percentage84.3
enter percentage12.3
enter percentage45.5
rank 1 90.3
rank 2 84.3
rank 3 74.3
rank 4 67.5
rank 5 34.3
desending order [90.3, 84.3, 74.3, 67.5, 34.3, 12.3, 45.5]
[Program finished]
```