Question **1** 

Marked out of 10.00

Given N numbers, the program must sort within subsets of size K. That is every K numbers must be sorted among themselves. (The last subset may not have K numbers in certain cases, but the program must sort them too)

## **Input Format:**

The first line contains N and K separated by space.

The second line contains N numbers separated by space.

## **Output Format:**

The first line contains N numbers sorted in subsets of size K.

### **Boundary Conditions:**

2 <= N <= 9999

Value of a given number is from -99999 to 99999

## **Example Input/Output 1:**

Input:

11 3

880 111 1440 1326 1892 -365 -761 -489 -131 1199 324

Output:

111 880 1440 -365 1326 1892 -761 -489 -131 324 1199

### For example:

| Input   | Result  |
|---|---|
| 11 3  | 111 880 1440 -365 1326 1892 -761 -489 -131 324 1199 |
| 880 111 1440 1326 1892 -365 -761 -489 -131 1199 324 |   |

# Answer: (penalty regime: 0 %)

```
c,k=list(map(int,input().split()))
c1=list(map(int,input().split()))
result=[]
for i in range(0,c,k):
    subset=c1[i:i+k]
    subset.sort()
    result.extend(subset)
print(' '.join(map(str,result)))
```

|   | Input                                    | Expected   | Got  |   |
|---|--|--|--|---|
| ~ | 11 3<br>880 111 1440 1326 1892 -365 -761 | 111 880 1440 -365 1326 1892 -761<br>-489 -131 324 1199 | 111 880 1440 -365 1326 1892 -761<br>-489 -131 324 1199 | ~ |
|   | -489 -131 1199 324                       | -407 -131 324 1177                                     | -407 -131 324 1177                                     |   |