

InfyTQ (Restricted Swapping)

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0.1 InfyTQ problem for restricted swapping

Maximum number of swaps will be given and an list of digits will be given

We have to swap numbers to get the lowest possible number using all the digits from the list

```
In [28]: swaps=int(input())
         mylist=list(map(int,input().split(',')))
         mylist2=mylist
         for x in range(swaps):
             if mylist==sorted(mylist2):
                 break
             elif mylist[x]>min(mylist[x+1:]) and x+1!=len(mylist):
                 min_ind=mylist[x+1:].index(min(mylist[x+1:]))+x+1
                 mylist[x],mylist[min_ind] = mylist[min_ind],mylist[x]
         print(mylist)
```

4

5,2,4,1,0,8,2

[0, 1, 2, 2, 5, 8, 4]