

Sorting:

Ravi is always particular about time complexity when solving problems, So he needs to sort binary arrays in linear time.Help him in solving this problem.

Input:

1 0 1 0 1 0 0 1

Output:

[0,0,0,0,1,1,1,1]

Solution:

```
def sort(A):
    zeros=A.count(0)
    k=0
    while zeros:
        A[k]=0
        zeros=zeros-1
        k=k+1
    for k in range(k,len(A)):
        A[k]=1
A=list(map(int,input().split()))
sort(A)
print(A)
```