n=int(input())

arr=list(map(int,input().split()))

d={ }

if n==1:

print(arr[0])

else:

for i in arr:

if i not in d:

d[i]=1

else:

d[i]+=1

x=sorted(d.items(),key=lambda x:x[1], reverse =True)

if x[0][1]==x[1][1]:

print(-1)

else:

print(x[0][0])