```python
n=int(input("Enter the size of array: "))
a=list(map(int,input("Enter the elements: ").split()))
if n!=len(a):
    print("check array input with size n")
else:
    mi=ma=a[0]
    for i in range(1,n):
        if a[i]<mi:
            mi=a[i]
        elif a[i]>ma:
            ma=a[i]
    print("Smallest Number :",mi)
    print("Largest Number :",ma)
```