import sys

A=[]

p=int(input("Enter number of elements : "))

n=p

while(n>0):

x=int(input("Enter element : "))

A.append(x)

n=n-1

# Traverse through all array elements

for i in range(len(A)):

# Find the minimum element in remaining

# unsorted array

min\_idx = i

for j in range(i+1, len(A)):

if A[min\_idx] > A[j]:

min\_idx = j

A[i], A[min\_idx] =A[min\_idx], A[i]

# Swap the found minimum element with

# the first element

print("Smallest element : %d" %int(A[0]))

print("Largest element : %d" %int(A[p-1]))

print ("Sorted array in Ascending Order: ",A)