def bubblesort(arr):

for i in range(len(arr)):

for j in range(0,len(arr)-i-1):

if(arr[j]>arr[j+1]):

temp=arr[j]

arr[j]=arr[j+1]

arr[j+1]=temp

def selectionsort(array):

for i in range(len(array)):

min=i

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

if(array[j]<array[min]):

min=j

temp=array[i]

array[i]=array[min]

array[min]=temp

array=[]

n=int(input("enter the number of element:"))

for i in range(0,n):

element=int(input())

array.append(element)

print(array)

print("\n")

print("choose the following")

print("1:Bubble sort\n2:selection sort\n")

choice=int(input("enter your choice: "))

if choice==1:

print(" Array is:")

print(array)

print("sorted array is")

bubblesort(array)

print(array)

elif choice==2:

print(" Array is:")

print(array)

print("sorted array is")

selectionsort(array)

print(array)

else:

print("enter the valid number")