1. Write a Python Program to find sum of array?

A)

arr=[1,2,3,4,5,6,7,8,9,10]

sum1=0

for i in arr:

sum1+=i

print(sum1)

2. Write a Python Program to find largest element in an array?

A)

arr=[11,2,33,14,365,6,87,8,9,10]

maxi=arr[0]

for i in arr:

if i>maxi:

maxi=i

print("max of array is: ",maxi)

3. Write a Python Program for array rotation?

A)

arr=[11,2,33,14,365,6,87,8,9,10]

print(arr[::-1])

4. Write a Python Program to Split the array and add the first part to the end?

A)

arr=[1,2,3,4,5,6,7,8,9,10]

length=len(arr)//2

arr\_1=[]

for i in range(length,len(arr)):

arr\_1.append(arr[i])

for i in range(0,length):

arr\_1.append(arr[i])

print(arr\_1)

5. Write a Python Program to check if given array is Monotonic?

A)

def monotonicCheck(array):

flag = True

if array[0] >= array[len(array)-1]:

for i in range(len(array)-2):

if array[i] < array[i+1]:

flag = False

else:

for i in range(len(array)-2):

if array[i] > array[i+1]:

flag = False

return flag

array = [1,2,3,56, 124, 369]

monotonicCheck(array)