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

sum **=**0

arr **=** [1,2,3,4,5,9]

**for** i **in** range(0,len(arr)):

sum**+=**arr[i]

print("Sum : ",sum)

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

arr **=** [1,2,3,4,77,9]

rot **=** []

l **=** len(arr) **-**1

**for** i **in** range(l , 0, **-**1):

print(arr[i])

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

l **=** int(input("Enter the lenth of your list : "))

arr **=** []

**for** i **in** range(l):

arr**.**append(int(input()))

print("The List ",arr)

noro **=** int(input("Enter the number of elements to split : "))

**if** noro **>** l:

print("can not split as elements to split is larger then list lengh")

**else**:

print("The split list is :",arr[:noro])

rarr[:] **=** arr[noro:l] **+** arr[:noro]

print("The List after split and add :", rarr)

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

l **=** int(input("Enter the lenth of your list : "))

arr **=** []

**for** i **in** range(l):

arr**.**append(int(input()))

print("The List is ",arr)

**if** all((arr[i] **<=** arr[i**+**1] **for** i **in** range(l**-**1)) **or** (arr[i] **>=** lst[i**+**1] **for** i **in** range(l**-**1))):

print("Monotonic")

**else**:

print("Not Monotonic")