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

Answer:-

import array as arr

numbers = arr.array('i', [1, 2, 3, 5, 7, 10])

s=0

for i in numbers:

s+=i

s

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

Answer=

import array as arr

numbers = arr.array('i', [1, 2, 3, 5, 7, 10])

s=0

for i in numbers:

if i>s:

max=i

max

## 3.Write a Python program to print the elements of an array?

## Answer=

## arr = [1, 2, 3, 4, 5]

## for i in range(len(arr)):

## print(i)

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

Answer=

def array(arr,k):

arr=arr[k:]+arr[:k]

return arr

k=3

arr=[2,4,6,8]

array(arr,k)

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

Answer=

def monotonic(n):

a=len(n)

if a==1:

return True

else:

if all(n[i]>=n[i+1] for i in range(0,a-1) or n[i] <=n[i+1] for i in range(a-1)):

return True

else:

return False

l=[6,5,4,2]

monotonic(l)