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

***arr=[]***

***num=int(input("Enter the size of the array: "))***

***print("Enter array elements: ")***

***for n in range(num):***

***numbers=int(input())***

***arr.append(numbers)***

***print("Sum:", sum(arr))***

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

***arr=[]***

***num=int(input("Enter the size of the array: "))***

***print("Enter array elements: ")***

***for n in range(num):***

***numbers=int(input())***

***arr.append(numbers)***

***large=arr[0]***

***for n in range(num):***

***if(arr[n]>large):***

***large=arr[n]***

***print("The largest element of the given list is:", large)***

1. ***Write a Python Program for array rotation?***

***def rotate(A,n):***

***x=A[n-1]***

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

***A[i]=A[i-1];***

***A[0]=x;***

***A=list()***

***n=int(input("Enter the size of the array"))***

***print("Enter the Element of the array")***

***for i in range(int(n)):***

***k=int(input(""))***

***A.append(k)***

***print("The array is")***

***for i in range(0,n):***

***print(A[i],end=' ')***

***rotate(A,n)***

***print("\nRotated array is")***

***for i in range(0, n):***

***print(A[i],end=' ')***

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

***def splitArr(arr,n,k):***

***for i in range(0,k):***

***x=arr[0]***

***for j in range(0,n-1):***

***arr[j]=arr[j+1]***

***arr[n-1] = x***

***arr=[25,17,78,96,100,45]***

***n=len(arr)***

***position=2***

***splitArr(arr,n,position)***

***for i in range(0,n):***

***print(arr[i],end=' ')***

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