# Basic Programming assignment 7

#### 1. Write a Python Program to find sum of Array?

### 2. Write a Python Program to find Largest element in an Array?

```
In [2]: def largestElement():
        in_arr = eval(input("Enter the Array: "))
        print(f"The Largest Element in {in_arr} is {sorted(in_arr, reverse=True)[0]}")

largestElement()

Enter the Array: 1,2,3,4,5,8,9
The Largest Element in (1, 2, 3, 4, 5, 8, 9) is 9
```

#### 3. Write a Python Program for array rotation?

```
In [3]: def reverseOfArray():
        in_arr = eval(input("Enter the Array: "))
        print(f"The Reverse of Array {in_arr} is {in_arr[::-1]}")

reverseOfArray()

Enter the Array: 12,14,15,1,5,16,1,9
The Reverse of Array (12, 14, 15, 1, 5, 16, 1, 9) is (9, 1, 16, 5, 1, 15, 14, 12)
```

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

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