## **Programming Basic Assignment 7**

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

The sum of array is 15

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

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

Rotated array [31, 32, 33, 34, 29, 30]

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

```
In [12]:
   #define the function split and add the first part to end
   def splitarray(arr,1,p):
 2
 3
        for i in range(0,p):
            x = arr[0]
 4
   #pass forloop which moves the elements one place
 5
            for j in range(0,1-1):
 6
 7
                arr[j]=arr[j+1]
 8 #pass the last element value to x
 9
            arr[l-1]=x
10 #pass array need to be split and add to the first part
11 arr=[10,20,30,40,50,60,70,80,90,100]
12 #define Length
13 l=len(arr)
14 #Pass the position from the beggining of the array need to add to the end of
15 position = 2
16 #pass the function to split and add the first 2 position to the end
17 | splitarray(arr,1,position)
18 # Now we can print the result by using a for loop statement
19 for i in range(0,1):
20
        print(arr[i],end=', ')
```

30, 40, 50, 60, 70, 80, 90, 100, 10, 20,

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

True

```
In [ ]: 1
```