1 Programming Basic Assignment 7

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

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

Largest in given array 9808

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

```
In [4]:
 1 def rotateArray(arr, n, d):
       temp = []
 2
 3
       i = 0
 4
       while (i < d):
 5
           temp.append(arr[i])
           i = i + 1
 6
 7
       i = 0
 8
       while (d < n):
 9
           arr[i] = arr[d]
10
           i = i + 1
           d = d + 1
11
12
       arr[:] = arr[: i] + temp
13
       return arr
14 | arr = [1, 2, 3, 4, 5, 6, 7]
15 print("Array after left rotation is: ", end=' ')
16 | print(rotateArray(arr, len(arr), 2))
```

Array after left rotation is: [3, 4, 5, 6, 7, 1, 2]

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

5 6 52 36 12 10

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

True