# Conceptual Session-[17-4-2023]
# Topic: ArraY

**1. Introduction**
**2. Array Input/Output**
**2. Array Insertion**
**3. Array Deletion**
**4. Exercise-1(Tag: Summation and Update):**

## Sum and Update

You will be given a positive integer N and after that an integer array of size N. Then you will be given Q which refers to queries. For each query you will be given i and v where i refers to the index and v to the value. You need to add the value to that index. After all of the queries print the values.

| Sample Input | Sample Output |
|---|---|
| 5<br>1 2 3 4 5<br>3<br>0 10<br>2 5<br>4 5 | 11 2 8 4 10 |

**5. Exercise-2** ___Swap___

**Problem Statement:**

You are given a positive integer n . The second line will contain n positive integers. And the third line will contain a value Q.The next line will contain Q queries,every query will contain two values L and R.Now, You need to swap two values in the following way-
>> Swap the values of index L with R .
And lastly print the modified array.

| Sample Input | Sample Output |
|---|---|
| 7<br>9 1 17 3 5 2 7<br>4<br>1 3<br>2 4<br>5 3<br>4 6 | 9 3 5 2 7 1 17 |