R7
Array Questions

Array Questions

Question 1 - Insert element in array at a specific position

Example

Input

```
Input array elements: 10, 20, 30, 40, 50
Input element to insert: 25
Input position where to insert: 3
```
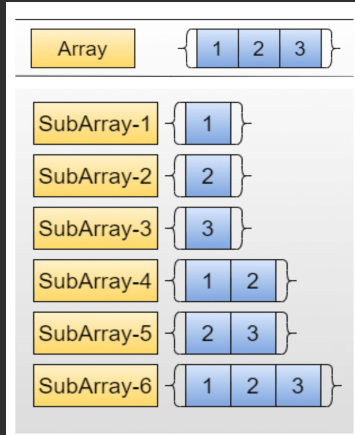
Output

```
Elements of array are: 10, 20, 25, 30, 40, 50
```

LearnYard

Explanation slide

Array Question

Question 2 - Print all subarray of a given array

Explanation slide

Array Question

Question 3 - Put even and odd elements of array in two separate array

Example

Input

Input size of the array: 10
Input elements in array: 0 1 2 3 4 5 6 7 8 9

Output

Output even elements in array: 0 2 4 6 8
Output odd elements in array: 1 3 5 7 9

Explanation slide

Array Question

Question 4 - Find two indexes in array whose sum is equal to target element

Note : Here the array is sorted

Example 1:

```
Input: numbers = [2,7,11,15], target = 9
Output: [1,2]
Explanation: The sum of 2 and 7 is 9. Therefore,
index_1 = 1, index_2 = 2. We return [1, 2].
```

Example 2:

```
Input: numbers = [2,3,4], target = 6
Output: [1,3]
Explanation: The sum of 2 and 4 is 6. Therefore
index_1 = 1, index_2 = 3. We return [1, 3].
```

Example 3:

```
Input: numbers = [-1,0], target = -1
Output: [1,2]
Explanation: The sum of -1 and 0 is -1. Therefore
index_1 = 1, index_2 = 2. We return [1, 2].
```

LearnYard

Explanation slide

Array Question

349. Intersection of Two Arrays

Easy 🏷 Topics 🔒 Companies

Given two integer arrays `nums1` and `nums2`, return *an array of their intersection*. Each element in the result must be **unique** and you may return the result in **any order**.

Example 1:

```
Input: nums1 = [1,2,2,1], nums2 = [2,2]
Output: [2]
```

Example 2:

```
Input: nums1 = [4,9,5], nums2 = [9,4,9,8,4]
Output: [9,4]
Explanation: [4,9] is also accepted.
```

🛡 LearnYard

Explanation slide

Thank You!

Please practice more questions and examples as above !!