Module 9;

9-0;

What we will learn in this module:

1. Inserting an element in array,
2. Removing an element from array,
3. How to reverse an array.
4. Learn about two pointers technique,
5. Copying elements from two Array to a new Array,

9-1;

Inserting an element in array:

1. There should be at least one empty index.
2. The element we want to insert at an specific index, rest of the elements will shift to right.

Example:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 5 | 10 | 2 | 2 |  |

0 1 2 3 4

We want to insert an element 11 in index 1 so all the elements from index 1 will shift to right by one index, so it will look like this:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 5 |  | 10 | 2 | 2 |

0 1 2 3 4

Now index 1 is empty we simply can insert an element there.