

# Basic Of Data Structures: Arrays And Objects (Part-2)

## Assignment Solution



## Problem Statement - 1

Write a method that accepts an array of integers and updates every element with multiplication of previous and next elements.

**Note:**

- First element is replaced by multiplication of first and second.
- Last element is replaced by multiplication of last and second last.

**Example:****Input:**

```
a = [2, 3, 4, 5, 6]  
n = a.length
```

**Output:**

```
[6, 8, 15, 24, 30]
```

You can run the code live and test by clicking [here](#).

## Problem Statement - 2

Move all negative numbers to the end and positive to the beginning of the array without using any predefined sorting method

An array contains both positive and negative numbers in random order. Rearrange the array elements so that all positive numbers appear before all negative numbers.

**Example:****Input:**

```
arr = [-1, 2, -3, 4, 5, 6, -7, 8, 9];  
n = arr.length;
```

**Output:**

```
[9, 2, 8, 4, 5, 6, -7, -3, -1]
```

You can run the code live and test by clicking [here](#).