1) Two-Sum

Given an array of integers `nums` and an integer `target`, return *indices of the two numbers such that they add up to* `target`.

You may assume that each input would have ***exactly* one solution**, and you may not use the *same* element twice.

You can return the answer in any order.

```
Input: nums = [2,7,11,15], target = 9

Output: [0,1]

Explanation: Because nums[0] + nums[1] == 9, we return [0, 1].
```

2) Single Number

Given a **non-empty** array of integers `nums`, every element appears *twice* except for one. Find that single one.

You must implement a solution with a linear runtime complexity and use only constant extra space.

Example 1:

```
Input: nums = [2,2,1]

Output: 1
```

Example 2:

```
Input: nums = [4,1,2,1,2]

Output: 4
```

Example 3:

```
Input: nums = [1]

Output: 1
```

3) Find First and Last Position of Element in Sorted Array

Given an array of integers `nums` sorted in non-decreasing order, find the starting and ending position of a given `target` value.

If `target` is not found in the array, return `[-1, -1]`.

Example 1:

```
Input: nums = [5,7,7,8,8,10], target = 8

Output: [3,4]
```

Example 2:

```
Input: nums = [5,7,7,8,8,10], target = 6

Output: [-1,-1]
```

Exercises taken from leetcode.com, array section.