**QUESTION 1**

Remove Duplicates from Sorted Array

**Inputs:**

- A sorted array of integers `nums`.

**Output:**

- The new length of the array after removing duplicates.

- Modify the input array in-place.

**QUESTION 2**

Rotate Array

**Inputs:**

- An array of integers `nums`.

- The number of steps `k` to rotate the array to the right.

**Output:**

- Rotate the array in-place by `k` steps.

**QUESTION 3**

- Contains Duplicate

**Inputs:**

- An array of integers `nums`.

**Output:**

- Return `true` if the array contains any duplicates, otherwise `false`.

**QUESTION 4**

Single Number

**Inputs:**

- A non-empty array of integers `nums`.

**Output:**

- The single number that appears only once in the array.