Java

```java
class Solution {
    public int[] applyOperations(int[] nums) {

    }
}
```

JavaScript

```javascript
/**
 * @param {number[]} nums
 * @return {number[]}
 */
var applyOperations = function(nums) {

};
```

TypeScript

```typescript
function applyOperations(nums: number[]): number[] {

};
```

C++

```cpp
class Solution {
public:
```

```cpp
    vector<int> applyOperations(vector<int>& nums) {

    }
};
```

C#

```csharp
public class Solution {
    public int[] ApplyOperations(int[] nums) {

    }
}
```

Kotlin

```kotlin
class Solution {
    fun applyOperations(nums: IntArray): IntArray {

    }
}
```

Go

```go
func applyOperations(nums []int) []int {

}
```