Day 5: Arrow Functions

HackerRank

Objective

In this challenge, we practice using *arrow functions*. Check the attached tutorial for more details.

Task

Complete the function in the editor. It has one parameter: an array, $nums$. It must iterate through the array performing one of the following actions on each element:

- If the element is even, multiply the element by 2.
- If the element is odd, multiply the element by 3.

The function must then return the modified array.

Input Format

The first line contains an integer, n, denoting the size of $nums$.
The second line contains n space-separated integers describing the respective elements of $nums$.

Constraints

- $1 \leq n \leq 10$
- $1 \leq nums_i \leq 100$, where $nums_i$ is the i^{th} element of $nums$.

Output Format

Return the modified array where every even element is doubled and every odd element is tripled.

Sample Input 0

```
5
1 2 3 4 5
```

Sample Output 0

```
3 4 9 8 15
```

Explanation 0

Given $nums = [1, 2, 3, 4, 5]$, we modify each element so that all even elements are multiplied by 2 and all odd elements are multipled by 3. In other words,
$[1, 2, 3, 4, 5] \Rightarrow [1 \cdot 3, 2 \cdot 2, 3 \cdot 3, 4 \cdot 2, 5 \cdot 3] \Rightarrow [3, 4, 9, 8, 15]$. We then return the modified array as our answer.