

1441. Build an Array With Stack Operations

Easy

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Given an array `target` and an integer `n`. In each iteration, you will read a number from `list = {1,2,3..., n}`.

Build the `target` array using the following operations:

- **Push:** Read a new element from the beginning `list`, and push it in the array.
- **Pop:** delete the last element of the array.
- If the target array is already built, stop reading more elements.

Return the operations to build the target array. You are guaranteed that the answer is unique.

Example 1:

Input: target = [1,3], n = 3

Output: ["Push","Push","Pop","Push"]

Explanation:

Read number 1 and automatically push in the array -> [1]

Read number 2 and automatically push in the array then Pop it -> [1]

Read number 3 and automatically push in the array -> [1,3]

Example 2:

Input: target = [1,2,3], n = 3

Output: ["Push","Push","Push"]

Example 3:

Input: target = [1,2], n = 4

Output: ["Push","Push"]

Explanation: You only need to read the first 2 numbers and stop.

Example 4:

Input: target = [2,3,4], n = 4

Output: ["Push","Pop","Push","Push","Push"]

Constraints:

- `1 <= target.length <= 100`
- `1 <= target[i] <= n`
- `1 <= n <= 100`
- `target` is strictly increasing.

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Use "Push" for numbers to be kept in target array and ["Push", "Pop"] for numbers to be discarded.