506. Relative Ranks

Description

You are given an integer array `score` of size `n`, where `score[i]` is the score of the `i th` athlete in a competition. All the scores are guaranteed to be **unique**.

The athletes are **placed** based on their scores, where the `1 st` place athlete has the highest score, the `2 nd` place athlete has the `2 nd` highest score, and so on. The placement of each athlete determines their rank:

- The `1 st` place athlete's rank is `"Gold Medal"`.
- The `2 nd` place athlete's rank is `"Silver Medal"`.
- The `3 rd` place athlete's rank is `"Bronze Medal"`.
- For the `4 th` place to the `n th` place athlete, their rank is their placement number (i.e., the `x th` place athlete's rank is `"x"`).

Return an array `answer` of size `n` where `answer[i]` is the **rank** of the `i th` athlete.

Example 1:

```
Input: score = [5,4,3,2,1]
Output: ["Gold Medal","Silver Medal","Bronze Medal","4","5"]
Explanation: The placements are [1st, 2nd, 3rd, 4th, 5th].
```

Example 2:

```
Input: score = [10,3,8,9,4]
Output: ["Gold Medal","5","Bronze Medal","Silver Medal","4"]
Explanation: The placements are [1st, 5th, 3rd, 2nd, 4th].
```

Constraints:

- `n == score.length`
- `1 <= n <= 10^4`
- `0 <= score[i] <= 10^6`
- All the values in `score` are **unique**.