2575. Find the Divisibility Array of a String

Description

You are given a **0-indexed** string `word` of length `n` consisting of digits, and a positive integer `m`.

The **divisibility array** `div` of `word` is an integer array of length `n` such that:

- `div[i] = 1` if the **numeric value** of `word[0,...,i]` is divisible by `m`, or
- `div[i] = 0` otherwise.

Return *the divisibility array of* `word`.

Example 1:

```
Input: word = "998244353", m = 3
Output: [1,1,0,0,0,1,1,0,0]
Explanation: There are only 4 prefixes that are divisible by 3: "9", "99", "998244", and "9982443".
```

Example 2:

```
Input: word = "1010", m = 10
Output: [0,1,0,1]
Explanation: There are only 2 prefixes that are divisible by 10: "10", and "1010".
```

Constraints:

- `1 <= n <= 10^5`
- `word.length == n`
- `word` consists of digits from `0` to `9`
- `1 <= m <= 10^9`