2544. Alternating Digit Sum

Description

You are given a positive integer `n`. Each digit of `n` has a sign according to the following rules:

- The **most significant digit** is assigned a **positive** sign.
- Each other digit has an opposite sign to its adjacent digits.

Return *the sum of all digits with their corresponding sign*.

Example 1:

```
Input: n = 521
Output: 4
Explanation: (+5) + (-2) + (+1) = 4.
```

Example 2:

```
Input: n = 111
Output: 1
Explanation: (+1) + (-1) + (+1) = 1.
```

Example 3:

```
Input: n = 886996
Output: 0
Explanation: (+8) + (-8) + (+6) + (-9) + (+9) + (-6) = 0.
```

Constraints:

- `1 <= n <= 10^9`