

1844. Replace All Digits with Characters

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You are given a **0-indexed** string `s` that has lowercase English letters in its **even** indices and digits in its **odd** indices.

There is a function `shift(c, x)`, where `c` is a character and `x` is a digit, that returns the x^{th} character after `c`.

- For example, `shift('a', 5) = 'f'` and `shift('x', 0) = 'x'`.

For every **odd** index `i`, you want to replace the digit `s[i]` with `shift(s[i-1], s[i])`.

Return `s` after replacing all digits. It is **guaranteed** that `shift(s[i-1], s[i])` will never exceed `'z'`.

Example 1:

Input: `s = "a1c1e1"`
Output: `"abcdef"`
Explanation: The digits are replaced as follows:
- `s[1] -> shift('a',1) = 'b'`
- `s[3] -> shift('c',1) = 'd'`
- `s[5] -> shift('e',1) = 'f'`

Example 2:

Input: `s = "a1b2c3d4e"`
Output: `"abbdcdfhe"`
Explanation: The digits are replaced as follows:
- `s[1] -> shift('a',1) = 'b'`
- `s[3] -> shift('b',2) = 'd'`
- `s[5] -> shift('c',3) = 'f'`
- `s[7] -> shift('d',4) = 'h'`

Constraints:

- `1 <= s.length <= 100`
- `s` consists only of lowercase English letters and digits.
- `shift(s[i-1], s[i]) <= 'z'` for all **odd** indices `i`.

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Yes

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```
1 class Solution {
2     public String replaceDigits(String s) {
3
4     }
5 }
```