

### 5730. 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  $x^{\text{th}}$  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'`.

User Accepted:	227
User Tried:	246
Total Accepted:	227
Total Submissions:	248
Difficulty:	Easy

### 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:** "abbdcfde"

**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`.

## JavaScript



```
1 1 /**
2 2  * @param {string} s
3 3  * @return {string}
4 4  */
5 5 var replaceDigits = function(s) {
6 6
7 7 };
```