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17. Letter Combinations of a Phone Number

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Given a string containing digits from `2-9` inclusive, return all possible letter combinations that the number could represent. Return the answ

A mapping of digits to letters (just like on the telephone buttons) is given below. Note that 1 does not map to any letters.

Example 1:

```
Input: digits = "23"
Output: ["ad","ae","af","bd","be","bf","cd","ce","cf"]
```

Example 2:

```
Input: digits = ""
Output: []
```

Example 3:

```
Input: digits = "2"
Output: ["a","b","c"]
```

Constraints:

- `0 <= digits.length <= 4`
- `digits[i]` is a digit in the range `['2', '9']`.

Seen this question in a real interview before?   1/4

Yes   No

Accepted   **1.9M**   Submissions   **3.2M**   Acceptance Rate   **59.8%**

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