

Description

Solution

Discuss (999+)

Submissions

C++

17. Letter Combinations of a Phone Number

Medium

11263

715

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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 answer in **any order**.

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:

- $0 \leq \text{digits.length} \leq 4$

```
4  if(
5
6
7  }
8
9  int
10 '0';
11 int
12 2)*3;
13 if(
14
15
16 }
17 els
18
19 }
20 els
21
22
23 }
24
25 for
26 {
27 v, s + (cha
28 }
29
30 vector<
letterComb
digits) {
31 vec
32 if(
33
34 """);
35 }
36 ret
37 };
```

Testcase Run Code Re

Accepted Runtime

Your input "23"

Output ["a

Expected ["a

Console Use

Run Code ^

Problems

Pick One

< Prev

17/2328

Next >