

Problem 784: Letter Case Permutation

Problem Information

Difficulty: Medium

Acceptance Rate: 75.52%

Paid Only: No

Tags: String, Backtracking, Bit Manipulation

Problem Description

Given a string `s`, you can transform every letter individually to be lowercase or uppercase to create another string.

Return _a list of all possible strings we could create_. Return the output in **any order**.

Example 1:

Input: s = "a1b2" **Output:** ["a1b2", "a1B2", "A1b2", "A1B2"]

Example 2:

Input: s = "3z4" **Output:** ["3z4", "3Z4"]

Constraints:

* `1 <= s.length <= 12` * `s` consists of lowercase English letters, uppercase English letters, and digits.

Code Snippets

C++:

```
class Solution {
public:
    vector<string> letterCasePermutation(string s) {
```

```
    }  
};
```

Java:

```
class Solution {  
public List<String> letterCasePermutation(String s) {  
  
}  
}
```

Python3:

```
class Solution:  
def letterCasePermutation(self, s: str) -> List[str]:
```