

420. Strong Password Checker

A password is considered strong if the below conditions are all met:

- It has at least 6 characters and at most 20 characters.
- It contains at least one lowercase letter, at least one uppercase letter, and at least one digit.
- It does not contain three repeating characters in a row (i.e., "Baaabb0" is weak, but "Baaba0" is strong).

Given a string password, return the minimum number of steps required to make password strong. if password is already strong, return 0.

In one step, you can:

- Insert one character to password,
- Delete one character from password, or
- Replace one character of password with another character.

Example 1:

- **Input:** password = "a"
- **Output:** 5

Example 2:

- **Input:** password = "aA1"
- **Output:** 3

Example 3:

- **Input:** password = "1337C0d3"
- **Output:** 0

Constraints:

- $1 \leq \text{password.length} \leq 50$
- password consists of letters, digits, dot '.' or exclamation mark '!'.