JAVA programmers: your program name must be: prob04.class
C programmers: your program name must be: prob04.exe

Task Description

You're working for a growing e-commerce web site, which has become a popular target for thieves. The thieves gain access to customers' accounts by guessing passwords, which are all too often trivial (such as "secret", "password", and "1234"). If your customers used better passwords, your company would have less trouble with fraudulent purchases.

You've been tasked with creating a password analyzer, which will inform a customer about the relative strength of their choice of password. A "strong" password is one that is hard to guess – either by sheer length, or by using a combination of letters, numbers and symbols. For your assignment, a strong password has all of the following characteristics:

- Is at least 8 characters long (example: "spookyfish")
- Includes both upper and lower case letters (example: "sPookyFISH")
- Includes letters and at least one number or symbol (examples: "sPookyFISH3" or "$PookyFI3H")

A "good" password has two of these characteristics, an "acceptable" one has only one. A password that doesn't meet any of these would be considered "weak". Write a program that will analyze a given password and output the strength rating of the chosen password.

Program Input

Prompt for the password to be analyzed. You should allow for a maximum password length of 30 characters. No spaces are allowed.

Program Output

Your program will output to the screen the relative strength of the password typed, using the characteristics listed above.

Sample Input/Output

```
Enter your password: lizard
This password is WEAK

Enter your password: aardvark
This password is ACCEPTABLE

Enter your password: Aardvark
This password is GOOD

Enter your password: Aardvark77
This password is STRONG
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