Problem G

Warrior's Valor

Time limit: 1 second

Memory limit: 1024 megabytes

Problem Description

In the ancient world of war, a warrior's power level determines their status and glory. The higher the power level, the greater the warrior's prestige and ability to command more soldiers. However, as the battles progressed, the warriors' power levels became increasingly large, and the traditional number representation could no longer suffice. Therefore, the master power measurers invented a new unit system to represent power levels.

In this unit system, when the power level exceeds three digits, every three digits will increase by one unit, with units ranging from A to Z. For example, a warrior with a power level of 1234567 will be represented as 1B. This way, the immense power of the warriors can be more intuitively represented.

Your task is to help these warriors convert their power levels into the new unit system representation, thereby spreading their fame across the entire war world.

Given an integer n representing a warrior's power level, convert this power level into a specific format as a string. The rules are as follows:

1. When the number is less than or equal to three digits, output the number directly.
2. When the number is greater than three digits, every three digits increase by one unit, with units ranging from A to Z.
3. Only the largest unit's value and its unit are retained.

Input Format

The input consists of several test cases. Each test case input a single integer n representing the warrior's power level.

Output Format

The output is a string representing the converted power level with its unit.

Technical Specification

- $0 \le n \le 10^{81}$

Sample Input 1

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123
9876543210
999999999999999999
```

Sample Output 1

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123
9C
999E
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