

Column name from a given column number

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Problems

Given a positive integer, return its corresponding column title as appear in an Excel sheet.

MS Excel columns has a pattern like A, B, C, ... ,Z, AA, AB, AC,... ,AZ, BA, BB, ... ZZ, AAA, AAB etc. In other words, column 1 is named as "A", column 2 as "B", column 27 as "AA".

Input:

The first line of each input consists of the test cases. And, the second line consists of a number N.

Output:

In each separate line print the corresponding column title as it appears in an Excel sheet.

Constraints:

$$1 \leq T \leq 70$$

$$1 \leq N \leq 4294967295$$

Example:

Input:

2

28

13

Output:

AB

M