

Find Excel Column Name

Given a positive integer N, which represents the column number of a standard excel sheet, find its corresponding column title.

Input Format

First line of input contains T - number of test cases. Its followed by T lines, each line contains a single integer N.

Constraints

$$1 \leq T \leq 10^5$$

$$1 \leq N \leq 10^{18}$$

Output Format

For each test case, print the column title, separated by newline.

Sample Input 0

```
4
1
26
27
28
```

Sample Output 0

```
A
Z
AA
AB
```

Explanation 0

Self Explanatory