

# Conversion

This time you will be asked to convert integer to excel format column name.

Given integer A, output excel column name for the integer give. For example, let A = 1, output "A"; let A = 28, output "AB".

## Input

Input contains an integer T ( $1 \leq T \leq 100$ ) followed by T integer A ( $1 \leq A \leq 100,000$ ).

## Output

Output T lines of excel column name.

## Sample input

2  
1  
28

## Output for sample input

Case #1: A  
Case #2: AB