Reverse Printing Problem

Problem Statement

You are given one of the following matrices. Now, you've to find out which alphabet does the given matrix represent. But, there's a catch! One of the column in the given matrix will be missing!!

```
    A        B        C        D        E        F
  #####    #####    #####    #####    #####    #####
  #...#    #...#    #....    #...#    #....    #....
  #####    #####    #....    #...#    #####    #####
  #...#    #...#    #....    #...#    #....    #....
  #...#    #####    #####    #####    #####    #....
```

Input

Input starts with an integer **T**(< 20), denoting the number of test cases. Then **T** test cases will follow.

Each test case will contain 5 rows. Each row will contain four characters, either a '.' or a '#'
There will be a blank line before every test cases.

Output

For each case, print the case number and the alphabet (in upper case) that represents the matrix. Print "Ambiguous" if more than one alphabet can represent the matrix.

Input	Output
2 #### ...# #### ...# ...# #### #... #### #... #...	Case 1: A Case 2: Ambiguous