Problem A
A very cool calculator

Time limit: **3 seconds**
Memory limit: **1024 megabytes**

Problem Description

Chair Chen once built a magical string adder that could combine two input strings into one. Allcky was so impressed by this invention that he decided to make an even more advanced version of the calculator himself.

In his version, the input consists of three numbers, each ranging from 1 to 3. These numbers correspond to specific words or phrases:

- The **first number** represents an adjective:
  - $1 \rightarrow$ "handsome"
  - $2 \rightarrow$ "rich"
  - $3 \rightarrow$ "smart"
- The **second number** represents a name:
  - $1 \rightarrow$ "Allcky"
  - $2 \rightarrow$ "Jimmy"
  - $3 \rightarrow$ "Chen"
- The **third number** represents an action:
  - $1 \rightarrow$ "dances"
  - $2 \rightarrow$ "eats"
  - $3 \rightarrow$ "writes"

For example, if the input is $1 + 2 + 3$, the calculator would output "`handsome Jimmy writes`".

However, during development, Allcky forgot to save his work. After restarting his computer, the file was gone. Feeling heartbroken, he gave up on the project.

As a kind and supportive classmate, your task is to help Allcky recreate the calculator and bring his project back to life.

Input Format

Your program is to read from standard input. The input consists of T test cases. The number of test cases T is given in the first line of the input. Each test case contains three integers n, m and k, which represent the first, second, and third numbers respectively.

Output Format

Your program is to write to standard output. Print exactly one line for each test case. The line is to contain the calculator calculation results. Please see the sample output.

Technical Specification

- $1 \leq T \leq 100$
- $1 \leq n, m, k \leq 3$

Sample Input 1

```
2
1 2 3
3 1 1
```

Sample Output 1

```
handsome Jimmy writes
smart Allcky dances
```