Problem C
Flashbang RGB I

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

Problem Description

Morley is a professional color proofreader whose job is to ensure that the colors used in the company's product designs are appropriate.

Every day, Morley receives numerous color samples to review. However, after years of intense visual work, Morley absolutely hates seeing "overly blinding colors."

If the "blinding value" of a color exceeds 0.87, Morley will reject it without hesitation.

Tired of constantly receiving *color flashbangs* from colleagues, Morley wants your help to write a program that filters out any color with a blinding value greater than 0.87, so that he can finally review colors without hurting his eyes.

Each color is represented by three integers R, G, B (each between 0 and 255, inclusive). Let $r = \frac{R}{255}$, $g = \frac{G}{255}$, $b = \frac{B}{255}$, $C_{max} = \max\{r, g, b\}$ and $C_{min} = \min\{r, g, b\}$.

The blinding value is calculated as:

$$Blinding\ Value = S \times C_{max},$$

where

$$\begin{cases} S = 0, \text{if } C_{max} = 0 \\ S = \frac{(C_{max} - C_{min})}{C_{max}}, \text{otherwise} \end{cases}$$

Please write a program to determine whether the blinding value exceeds 0.87 or not.

Input Format

The first line contains an integer $T (1 \leq T \leq 10^5)$, the number of colors to be evaluated. Each of the next T lines contains three integers $R, G, B (0 \leq R, G, B \leq 255)$, separated by spaces.

Output Format

For each color, print "`pending`" if its blinding value less than or equal to 0.87, otherwise print "`skip`"

("`pending`" indicates that the color meets the standard and can be reviewed by Morley; "`skip`" indicates that the color is too blinding and should be filtered out.)

Technical Specification

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

- $0 \leq R, G, B \leq 255$
- Please use **double** for all calculations to avoid precision errors. Do not use **float**.

Sample Input 1

```
2
255 0 255
114 51 40
```

Sample Output 1

```
skip
pending
```