Problem 1: We Got CALICO Before GTA VI
4 Points

Problem ID: `gta6`

Rank: `1`

Introduction

Problem Statement

You are given a string denoting the name of an event E. You are also given the date the event takes place, including its year Y, month M, and day D (**in that order, with leading zeroes**).

If an event takes place before the release date of GTA VI, output: `we got` E `before gta6`

If an event takes place after the release date GTA VI, output: `we got gta6 before` E

Make sure to output `gta6` with lowercase letters, the number 6, and no space in between.

Assume that [the release date of GTA VI](#) is on **November 19, 2026**. It is guaranteed that no event E takes place on the same day as the GTA VI release.

*Note: Templates are available for this problem—and **all other problems in this contest**—in Python, Java, and C++! Find them in the [contest.zip provided at the start of the contest](#). Templates handle input and output for you, so you can just fill out a single function!*

Input Format

The first line of the input contains a single integer T denoting the number of test cases that follow.

For each test case:

- The first line contains a string E denoting the name of the event.

- The second line contains three space-separated integers Y M D denoting the year, month, and day of the event respectively. All three integers may contain leading zeros.

Output Format

For each test case, output a single line containing one of the following formats:

- `we got` E `before gta6`

- `we got gta6 before` E

Constraints

$1 \leq \mathbf{T} \leq 100$

$1 \leq \mathbf{D} \leq 31$

$1 \leq \mathbf{M} \leq 12$

$0 \leq \mathbf{Y} \leq 2200$

It is guaranteed that the length of the string $\mathbf{E}$ is no longer than 100 characters and contains only spaces and the lowercase letters: `abcdefghijklmnopqrstuvwxyz`

Sample Test Cases

Sample Input   [Download]

```
5
calico
2025 11 09
big bens bday
2026 09 06
six eight
2026 12 27
gta6 eve
2026 11 18
contest start
2200 12 31
```

Sample Output   [Download]

```
we got calico before gta6
we got big bens bday before gta6
we got gta6 before six eight
we got gta6 eve before gta6
we got gta6 before contest start
```

Sample Explanations

Recall that the release date of GTA VI is assumed to take place on November 19th, 2026.

For test case #1, `calico` takes place in `2025` which is earlier than 2026, so `calico` takes place before `gta6`. Therefore we output: `we got calico before gta6`

For test case #2, `big bens bday` takes place in `2026` which is in the same year as `gta6`, but the month `9` is earlier than November (the 11th month). Therefore, `gta6` happens after the event, so we output: `we got big ben's bday before gta6`

For test case #3, `six eight` happens in `2026` which is the same year as `gta6`, but the month `12` is later than November. Therefore, our event happens after `gta6`, so we output: `we got gta6 before six eight`

For test case #4, `gta6 eve` happens in the same year `2026` and month `11` as `gta6`. However, the day `18` is before the day of `gta6` (the 19th). Therefore we output: `we got gta6 eve before gta6`

For test case #5, `contest start` happens in `2200` which is way after `gta6`. Therefore we output: `we got gta6 before contest start`