

Dr. Anne Anderson Coding Contest 1 P1 - Due Dates

Time limit: 1.0s **Memory limit:** 256M

Mr. Hager is teaching Computer Science. It's currently the N -th day of the school year, and he created an assignment that's due on the M -th day of the school year.

Unfortunately, he noticed that his class gets stressed out very easily. If his assignment is due today or tomorrow, his students are stressed. If it's due later than that, his students are feeling okay. If the assignment's due date already passed, then it has been handed in and his students are feeling relaxed.

Mr. Hager wants to know how his students are feeling on a given day, as teachers should. You're a diligent Computer Science student, so he asks you to write a program to help him.

Constraints

$$1 \leq N, M \leq 300$$

Input Specification

The first line of input will contain the integer N .

The second line of input will contain the integer M .

Output Specification

The output will consist of one line: `stressed` if the students are stressed, `okay` if the students are feeling okay, or `relaxed` if the students are feeling relaxed.

Sample Input 1

```
3
4
```

Sample Output 1

```
stressed
```

Explanation for Sample 1

It's currently day 3, and Mr. Hager has an assignment that's due on day 4. As the assignment is due tomorrow, the students are stressed.

Sample Input 2

```
28
3
```

Sample Output 2

```
relaxed
```

Explanation for Sample 2

It's currently day 28, and Mr. Hager has an assignment that's due on day 3. As the assignment's due date has already passed, the students are feeling relaxed.

Sample Input 3

```
99
200
```

Sample Output 3

```
okay
```

Explanation for Sample 3

It's currently day 99, and Mr. Hager has an assignment that's due on day 200. As the assignment's due date is after tomorrow, the students are feeling okay.