Statement

You're starting to see things more clearly! Dolan seems to be part of a huge network of malicious influencers... Thanks to your previous analysis, you know which accounts to target for your investigation.

You are now trying to reveal the main actors of the manipulations of elections in Russia. Having identified the suspicious accounts, you are now looking at their tweets.

You find a good method to distinguish accounts that are actually Russian from dangerous accounts: if the account publishes too much content at night (Russian time), then it is most likely an agent's account.

From the list of hours an account publishes (the hours are already converted to Russian time), determine if this account has more activity at night than during the day. If more than 50% of tweets are between 8pm and 8am, then it is a fake news account.

Data

Input

Row 1: an integer **N** between 5 and 1000, representing the number of publications made by the account to be reviewed.

Rows 2 to **N**+1: a string of characters of the form hh:mm representing the time of a publication

Output

The string **SUSPICIOUS** if the account is suspicious, the string **OK** otherwise.

An account is considered suspicious if more than half of the posts are made at night (between 20 :00 and 7:59 included). It is guaranteed that no account has as many publications at night as during the day.

Example

For the input:

```
5
20:04
20:23
08:00
09:15
13:00
```

Your program will output `OK` as 2 publications were made at night on this account.

For the input :

```
5
20:00
00:29
22:58
15:06
17:50
```

Your program will output: `SUSPICIOUS`