

CCC '15 J2 - Happy or Sad

Time limit: 2.0s **Memory limit:** 256M

Canadian Computing Competition: 2015 Stage 1, Junior #2

We often include emoticons in our text messages to indicate how we are feeling. The three consecutive characters `: -)` indicate a happy face and the three consecutive characters `: - (` indicate a sad face. Write a program to determine the overall mood of a message.

Input Specification

There will be one line of input that contains between 1 and 255 characters.

Output Specification

The output is determined by the following rules:

- If the input line does not contain any happy or sad emoticons, output `none`.
- Otherwise, if the input line contains an equal number of happy and sad emoticons, output `unsure`.
- Otherwise, if the input line contains more happy than sad emoticons, output `happy`.
- Otherwise, if the input line contains more sad than happy emoticons, output `sad`.

Sample Input 1

```
How are you :- ) doing :- ( today :- )?
```

Output for Sample Input 1

```
happy
```

Sample Input 2

```
: )
```

Output for Sample Input 2

none

Sample Input 3

```
This :-(is str :-(:-a(nge te:-)xt.
```

Output for Sample Input 3

sad