

Happy or Sad

Problem Description:

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 (textmessage.txt)

There will be several lines of input that contain between 1 and 255 characters.

Output:

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:

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

:)

This:-(is str:-(:(ange te:-)xt.

Sample Output:

Happy

None

Sad