

GFSSOC '15 Fall Practice P3 - Bruno and Beads

Time limit: 2.0s **Memory limit:** 16M

Bruno is widely known to be extremely organized, and it follows suit that he even likes to organize tiny beads. Bruno has N beads aligned on his desk side by side, each of which is coloured red, yellow, or blue. Red beads are represented by the character `R`, yellow by `Y`, and blue by `B`. It is guaranteed that there are all 3 types of beads present. A sequence of beads is considered to be organized if all beads of the same colour are grouped in a single contiguous sequence. For example, the sequence `BBBRRYYR` is unorganized, since the rightmost red bead is not grouped together with the rest of the red beads. Bruno, being too preoccupied with homework, asks you to write him a program to determine if his sequence of beads is organized.

Input Specification

The first line contains one integer, N ($3 \leq N \leq 1000$).

The second line contains a single string of length N , representing the initial state of the beads.

Output Specification

Output one string, `Organized` if the sequence is organized, otherwise `FIX YOUR BEADS!`.

Sample Input

```
9
BBBRRYYR
```

Sample Output

```
FIX YOUR BEADS!
```