

Art Academy 0: Prologue

Time limit: 2.0s **Memory limit:** 128M

January 4th, 2028, marks the 25th time that **hewmatt10** has gotten rejected from the Elite CS Academy.

January 4th, 2028, also marks the day where he has started to go insane.

"I've had enough of this cruel, disgusting world," murmurs **hewmatt10**.

"I will one day have kidnapped each and every citizen of this world, and will have forced them all to suffer in the dark caverns of my cold and lonely basement."

"Once they're all trapped there, screaming for their worthless lives, I will begin to carry out my master's plan - *force them to stare at my paintings for the rest of eternity.*"

In order for **hewmatt10** to carry out his ultimate plan, he will need to be able to interact with others, and has thus asked for you to create a program that will say a sentence based on a given person's name.

The rules for creating a sentence are as follows:

- Traverse each character in the person's name in order.
 - If the current character is a lowercase or uppercase **A**, print out: **Hi!**, followed by a space.
 - If it is a lowercase or uppercase **E**, print out: **Bye!**, followed by a space.
 - If it is a lowercase or uppercase **I**, print out: **How are you?**, followed by a space.
 - If it is a lowercase or uppercase **O**, print out: **Follow me!**, followed by a space.
 - If it is a lowercase or uppercase **U**, print out: **Help!**, followed by a space.
 - If it is a numeric character, print out: **Yes!**, followed by a space.
 - Otherwise, print nothing.

Input Specification

On the first line, there will be an integer N ($1 \leq N \leq 10^2$), specifying the number of sentences **hewmatt10** needs you to create.

The next N lines will contain a person's name S_i ($1 \leq |S_i| \leq 10^2$), which you will need to create a sentence from. It is guaranteed that this person's name will consist of entirely alphanumeric characters.

Output Specification

For each of the N names that follow the first line, print out the sentence on a new line.

Sample Input

```
2
astrocat879
skyflaren
```

Sample Output

```
Hi! Follow me! Hi! Yes! Yes! Yes!
Hi! Bye!
```