Hello World

Always printing "Hello world" is a bit boring. Therefore, you are asked to print hello to any person in the input.

Input

The input consists of a series of test cases, each consisting of a single line containing a single, nonempty string of upper case and lower case characters.

Output

For every test case, the output should contain a single line, containing the string `Hello <input>`, where `<input>` is the input string.

Sample Input

```
Joe
Vladimir
Boris
Mark
```

Sample Output

```
Hello Joe
Hello Vladimir
Hello Boris
Hello Mark
```