

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
```