Q1.

You are given a string and your task is to *swap cases*. In other words, convert all lowercase letters to uppercase letters and vice versa.

For Example:

Www.HackerRank.com → wWW.hACKERrANK.COM
Pythonist 2 → pYTHONIST 2

Function Description

Complete the *swap_case* function in the editor below.

swap_case has the following parameters:

- *string s:* the string to modify

Returns

- *string:* the modified string

Input Format

A single line containing a string .

Constraints

Sample Input 0

HackerRank.com presents "Pythonist 2".

Sample Output 0

hACKERrANK.COM PRESENTS "pYTHONIST 2".

Program

```
def swap_case(s):
    result = ""
    for letter in s:
        if letter == letter.upper():
            result += letter.lower()
```

```
        else:
            result += letter.upper()
    return result
if __name__ == '__main__':
    s = raw_input()
    result = swap_case(s)
    print result
```

Q2

In Python, a string can be split on a delimiter.

Example:

```
>>> a = "this is a string"
>>> a = a.split(" ") # a is converted to a list of strings.
>>> print a
['this', 'is', 'a', 'string']
```

Joining a string is simple:

```
>>> a = "-".join(a)
>>> print a
this-is-a-string
```

Task

You are given a string. Split the string on a " " (space) delimiter and join using

a - hyphen.

Function Description

Complete the *split_and_join* function in the editor below.

split_and_join has the following parameters:

- *string line:* a string of space-separated words

Returns

- *string:* the resulting string

Input Format

The one line contains a string consisting of space separated words.

Sample Input

this is a string

Sample Output

this-is-a-string

PROGRAM

```
def split_and_join(line):
    a=line.split()
    a="-".join(a)
    return a
if __name__ == '__main__':
    line = raw_input()
    result = split_and_join(line)
    print result
```

Q3.

You are given the firstname and lastname of a person on two different lines. Your task is to read them and print the following:

```
Hello firstname lastname! You just delved into python.
```

Function Description

Complete the *print_full_name* function in the editor below.

print_full_name has the following parameters:

- *string first:* the first name
- *string last:* the last name

Prints

- *string:* 'Hello ! You just delved into python' where and are replaced with and .

Input Format

The first line contains the first name, and the second line contains the last name.

Constraints

The length of the first and last names are each ≤ .

Sample Input 0

Ross
Taylor

Sample Output 0

Hello Ross Taylor! You just delved into python.

Explanation 0

The input read by the program is stored as a string data type. A string is a collection of characters.

PROGRAM

```
def print_full_name(first, last):
    print("Hello "+first_name+" "+last_name+"! "+"You just delved in
to python.")

if __name__ == '__main__':
    first_name = raw_input()
    last_name = raw_input()
    print_full_name(first_name, last_name)
```