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 into python.")

if \_\_name\_\_ == '\_\_main\_\_':

    first\_name = raw\_input()

    last\_name = raw\_input()

    print\_full\_name(first\_name, last\_name)