

sWAP cASE

You are given a string `S`. 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
```

Input Format

A single line containing a string `S`.

Constraints

`0 ≤ len(S) ≤ 1000`

Output Format

Print the modified string `S`.

Sample Input

```
HackerRank.com presents "Pythonist 2".
```

Sample Output

```
hACKERrANK.COM PRESENTS "pYTHONIST 2".
```