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

$$0 < len(S) \leq 1000$$

Output Format

Print the modified string S.

Sample Input

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

Sample Output

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