
Uppercase and lowercase letters

P98960_en

Write a program that reads a letter and prints it in lowercase if it was uppercase, or prints it in uppercase if it was lowercase.

Input

Input consists of a letter.

Output

Print a line with the given letter in lowercase if it was uppercase, or in uppercase if it was lowercase.

Sample input 1

r

Sample output 1

R

Sample input 2

F

Sample output 2

f

Problem information

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