C++ PROGRAMMING
WORKSHEET 2

Note: all the problems are from online contests like codeforces, HackerRank and other sources

Task 1(Word Capitalization):

Capitalization is writing a word with its first letter as a capital letter. Your task is to capitalize the given word.

Note, that during capitalization all the letters except the first one remains unchanged.

Input
A single line contains a non-empty word. This word consists of lowercase and uppercase English letters. The length of the word will not exceed 103.

Output
Output the given word after capitalization.

Examples

input

ApPLe

output

ApPLe

input

konjac

output

Konjac

Task 2(Swap):

Given two numbers X and Y. Print X and Y after swapping them.
Note: Solve this problem using function.

Input
Only one line contains two numbers X and Y ($0 \le X, Y \le 105$).

Print X and Y separated by a space after swapping.

Example
input
```
5 2
```
output
```
2 5
```

Task 3(Power Of Two):

Given a number NN. Determine whether NN is power of 2 or not.
Input

Only one line contains a number NN (1≤N≤1018)(1≤N≤1018).
Output

Print "YES" if NN is power of 2 otherwise, print "NO".

Examples
input
```
8
```
output
```
YES
```

input
```
10
```
output
```
NO
```