

I. Lucky Numbers

time limit per test: 1 second
memory limit per test: 256 megabytes
input: standard input
output: standard output

A number of two digits is lucky if **one of its digits is divisible by the other**.

For example, 39, 82, and 55 are lucky, while 79 and 43 are not.

Given a number between 10 and 99, determine whether it is lucky or not.

Input

Only one line containing a single number N ($10 \leq N \leq 99$).

Output

Print "YES" if the given number is lucky, otherwise print "NO".

Examples

input	Copy
39	
output	Copy
YES	
input	Copy
64	
output	Copy
NO	

Assiut University Training - Newcomers

Public

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→ About Group



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→ Group Contests

- Sheet #10 (General Hard)
- Sheet #9 (General medium)
- Sheet #8 (General easy)
- Sheet #7 (Recursion)
- Sheet #6 (Math - Geometry)
- Sheet #5 (Functions)
- Sheet #4 (Strings)
- Contest #3.1
- Sheet #3 (Arrays)
- Contest #2
- Sheet #2 (Loops)
- Contest #1
- Sheet #1 (Data type - Conditions)

Contest #1

Finished

Practice



→ About Time Scaling