
Control C201A

P38614_en

A natural number is called *cool* if the sum of the digits which are in odd positions (starting to count on the right) is an even number. For instance, 2 and 679031 are cool, but 357199 and 607 are not.

Your task is to write a program that prints if a given number is cool or is not.

Input

The input is a natural number n .

Output

Your program must print in a line if n is cool or is not, following the format of the instances.

Sample input 1

2

Sample output 1

2 IS COOL

Sample input 2

357199

Sample output 2

357199 IS NOT COOL

Sample input 3

679031

Sample output 3

679031 IS COOL

Sample input 4

607

Sample output 4

607 IS NOT COOL

Sample input 5

0

Sample output 5

0 IS COOL

Sample input 6

1

Sample output 6

1 IS NOT COOL

Sample input 7

999999999

Sample output 7

999999999 IS NOT COOL

Problem information

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