

# Instancia de Selección de Equipos FICH-UNL

## International Collegiate Programming Contest



Warm Up — (1 page, 1 problem)

1 de Octubre de 2009

### Hello World

A Hello World program is a computer program which prints out **Hello, world!** on a display device. It is used in many introductory tutorials for teaching a programming language. Such a program is typically one of the simplest programs possible in a computer language.

In addition, hello world can be a useful sanity test to make sure that a language's compiler, development environment, and run-time environment are correctly installed. Configuring a complete programming toolchain from scratch to the point where even trivial programs can be compiled and run can involve substantial amounts of work. For this reason, a simple program is used first when testing a new tool chain.

The tradition of using the phrase “Hello world!” as a test message was influenced by an example program in the seminal book *The C Programming Language*. The example program from that book prints ‘**hello, world**’ (without capital letters or exclamation mark), and was inherited from a 1974 Bell Laboratories internal memorandum by Brian Kernighan, *Programming in C: A Tutorial*.

Your task is to write a Hello World program and submit it, in order to verify that both PC<sup>2</sup> and your brain are working correctly.

### INPUT

Several lines of text. Each line will contain between 1 and 128 characters. The input ends when the line contains the string **EOF**.

### OUTPUT

Each line of input before the occurrence of the *magic line*, should be acknowledged by writing **Hello, world!** in a separate line. The magic line itself must not be acknowledged, and further lines of input must be ignored.

If you don't know what the magic line is, please submit a clarification request. If you knew the magic line before this contest started, you are a cheater and you are automatically disqualified.

### SAMPLE

For the purpose of this sample, suppose that the magic string is **!dlrow ,olleH**.

INPUT	OUTPUT
Hello, world! 1f u c4n r34d this u r34lly n33d t0 g37 l41d I'm not anti-social: I'm not user friendly. Software never has bugs. (It just develops random features.) !dlrow ,olleH This line must not be acknowledged EOF	Hello, world! Hello, world! Hello, world! Hello, world! Hello, world!