

## In-Lab 2

You should already have read over the preparation for this lab, and created copies of your template files for the source program and the LCF. Now write your first Assembly Language program.

By long-standing tradition, the first program written by a programmer learning a new language displays the message "Hello, world!". You will do this today. Look at examples of message output in your Course Notes, making use of the PrintMsg and perhaps the NewLine library routines.

You should use the DOS EDIT program to create and edit your files under DOS, but you may use Notepad even though it is somewhat riskier if you wish. Do not get in this habit, though, since it will not always work as you wish it to. And never use Wordpad, or any word processor program like Word, since that never works.

Show your running program to your instructor before the end of the lab. If you need to wait for a little while for your demo, have a look at some of the 353 Hello World programs in "The Hello World Collection" at:

<<http://www.roesler-ac.de/wolfram/hello.htm>>

Unfortunately, it doesn't have one that's of any real value to you today, since none of the 22 programs starting with "Assembler" are written for our emulator.