Assignment 2

Due: 6:00PM 9/8/23

Note: For this assignment you may copy the "Hello World" example from the lecture notes.

Note: For this assignment you may ignore item 3 in the **Instructions for Source Code Submission**

Purpose: The purpose of this assignment is to ensure that you can edit a file using Emacs on the Mathlab Linux machines and to ensure that you know how to invoke the **gfortran** compiler to compile a Fortran 2008 source code file into an executable file.

Your goal: Using Emacs on the Mathlab Linux machines create your own version of the "Hello World" Fortran example in the notes.   Compile this example to produce an executable file.   Test your program by executing the file and make sure that it writes out the correct message to the screen. Submit your Fortran source code file (**not the executable file!**) by uploading it into Blackboard.   Make sure to follow the **Instructions for source code file submission** that are posted in the course documents section of the Blackboard site. It is particularly important that you name your file correctly. Submissions with files that are named incorrectly will receive a score of zero.