Assignment 1

The lab part of the lecture uses the PIC18F2680 microprocessor on the PICDEM2 demonstration board. The development environment consists of the Microchip C18 compiler and the MPLAB IDE.

The assignment website contains a number of documents including tutorial material and user guides for the processor and the development environment. Further material can be found on the Microchip website and the forum (forum.microchip.com).

1a Get familiar with the development environment and learn how to use it.

1b Write a simple 'Hello World' program that prints the statement on the debug output when using the simulator.

Hints:

- You can download the MPLAB software from the Microchip website and run the simulator on your machine.
- If the standard program does not produce a visible output for assignment 1b, then carefully reread the simulator configuration section again in the documents.