This lab project has the same submission (demo + report) requirements as the previous projects. The scope of this project involves the following .c source code files:

S1. *Strings.c* for tracing the assembly instructions to understand the difference between a constant and a variable; and to discover the various .S code generated by the compiler. The procedure is covered from lecture slides 6-10 and the Di Jasio textbook pp. 119-123.

S2. *FFT.c, run.c, and fft.h* (all under the *Running.mcp* project) for more precise timing of the fast Fourier transform, including the MPLAB DCMI facility. The procedure is covered from lecture slides 17-30 and the Di Jasio textbook pp. 152-171. See also the Schwabe report posted on the course web site.