Problem 1  (Compiling a program)

Load http://web.mit.edu/16.070/www/labs/L1P1.c into MS-Visual C. Compile the code and run the resulting program. You should see the following output:

Hello World!
No programming course could be complete without the old 'Hello World' phrase!

Press any key to continue

Problem 2  (Using the MS-Visual C Debugger)

Load http://web.mit.edu/16.070/www/labs/L1P2err.c into MS-Visual C and use the debugging information provided at compile-time to find and correct all the errors. Keep going until the program compiles and provides the following output:

Al Capone was around in the 30 's.
But it was not common knowledge that Al was a proficient C programmer...
So how was it that C was only developed decades later?
Do you think that Al knew about floating point numbers such as 3.140000 ?

I guess we will never know...

Press any key to continue

Problem 3  (Evaluating expressions, data types and printf)

Evaluate the expression for a parabola, $y = ax^2 + bx + c$, with $a = 1$, $b = 2$ and $c = 2$ at $x = 2$. Complete the evaluation using C code and then print the result to your computer screen.

Problem 4  (Generating those tricky characters)

Generate the following output to your computer screen, using a short C program:

"Hello '§' World?" 2001!