EE1102 Introduction to Programming

First Lab Session - Sample Assignment

Problem 1. Write a C program called Hello.c that prints the message below.

Hello.
This is my first program for the EE1102 lab.

Problem 2. Write a C program called sum.c that prints the sum of 5 integers in the format shown in the example below. Use variables of type int as shown in yesterday's (Jan 25) class. Try changing the values for each variable and check if the output is correct.

Example: If the 5 integers you want to use are 10, 25, 5, 5, and 3, it should print

10 + 25 + 5 + 5 + 3 = 48

Problem 3. Write a C program called print_my_details.c that prints your roll number in the first line and your name in the second line.

Example: If a student's roll number is EE20B888 and name is Abc Xyz, the output printed when we run the program should be

EE20B888
Abc Xyz

Problem 4. Write a C program called sum_of_squares.c that prints the sum of squares of 3 integers in the format shown in the example below. Use variables of type int as shown in yesterday's (Jan 25) class. Try changing the values for each variable and check if the output is correct.

Example: If the 3 integers you want to use are 10, 25, and -5, it should print

A = 10
B = 25
C = -5
A^2 + B^2 + C^2 = (10)^2 + (25)^2 + (-5)^2 = 750