

SPRING 2006: **CGS 2423 C FOR ENGINEERS**
[PROGRAMMING ASSIGNMENT 1; DUE JANUARY 25 IN CLASS.]

Problem Description

Type in the program Add.c at URL: <http://www.cis.fiu.edu/~giri/teach/2423/S06/Add.c>
Compile and execute the program.

What to Submit

Submit a print out of your program, and the interaction showing the results for a sample run.

Academic Misconduct

This programming assignment may be an easy one. But here are some general rules for all your assignments:

You may talk to your friends about your homework. But the programming effort has to be your own. For every programming assignment, print out a statement at the top of the program stating the following: "I hereby certify that this work is my own and not the work of any other person.". Also, sign the above statement. If you have questions about what constitutes academic dishonesty, please consult the FIU web site at URL: <http://www.fiu.edu/provost/polman/sec2/sec2web2-44.htm>

Suggestions to learn more from this assignment

This assignment may be too easy for some of you. Here are some suggestions for you to try some different things. This is not for extra credit, although in future I will have extra credit possibilities for you.

1. Introduce errors into your code (for example, misspell one of the variables, or reserved words, or omit a semi-colon). See if you can interpret the error messages. Also try to add an extra semi-colon at the end of a statement. Is that considered an error? What if you change the indentation of the program? Is that considered an error? What if you eliminate the return statement?
2. What if you eliminate the statement that adds the two numbers? If this is not a compiler error, then what happens when you run such a program?
3. Try replacing the + symbol with other arithmetic operators. Introduce more variables and try more complicated arithmetic expressions.
4. Try formatting your output values in different ways.