TITLE

Debugging Code

LAB #4

SECTION #1

FULL NAME

Gabriel Kiveu

SUBMISSION DATE:

2/14/23

DATE

2/14/23

Problem

The purpose of this lab is to be able read the code and see the problems of the code file and fix it for the correct purpose. This will be helping in learning about the C Compiler messages, become familiar with various types of Compiler errors, learn coding practices to help avoid unintentional errors

Analysis

In this lab, you will learn more about the GCC Compiler's debugging messages. Knowing how to read the debugging messages for errors and warning can be a great skill to know when your program is not functioning correctly.

Design

In this lab, you will learn more about the GCC Compiler's debugging messages. Knowing how to read the debugging messages for errors and warning can be a great skill to know when your program is not functioning correctly. The steps were according to the process followed:

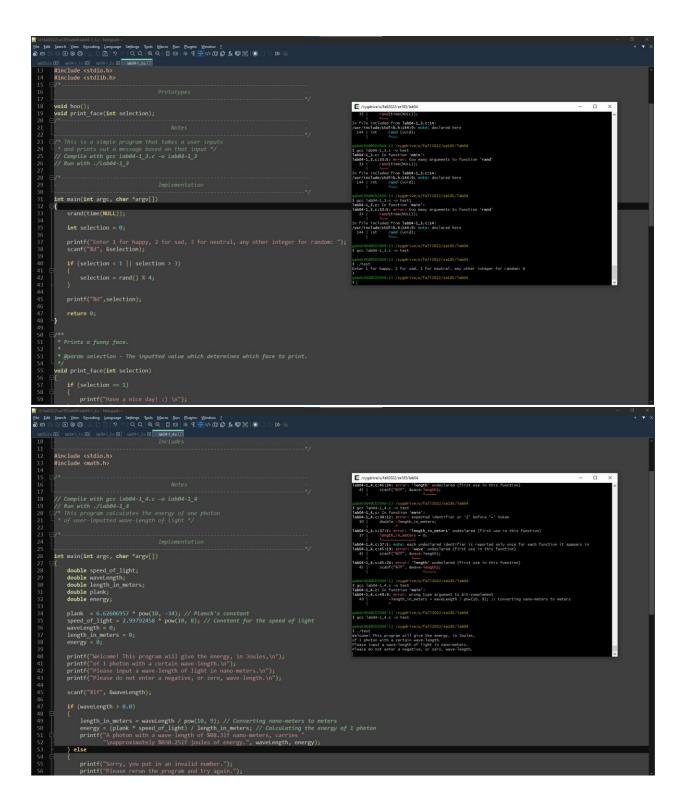
- 1) Open the files of code
- 2) Compile the files to locate errors
- 3) Fix the errors to the correct output

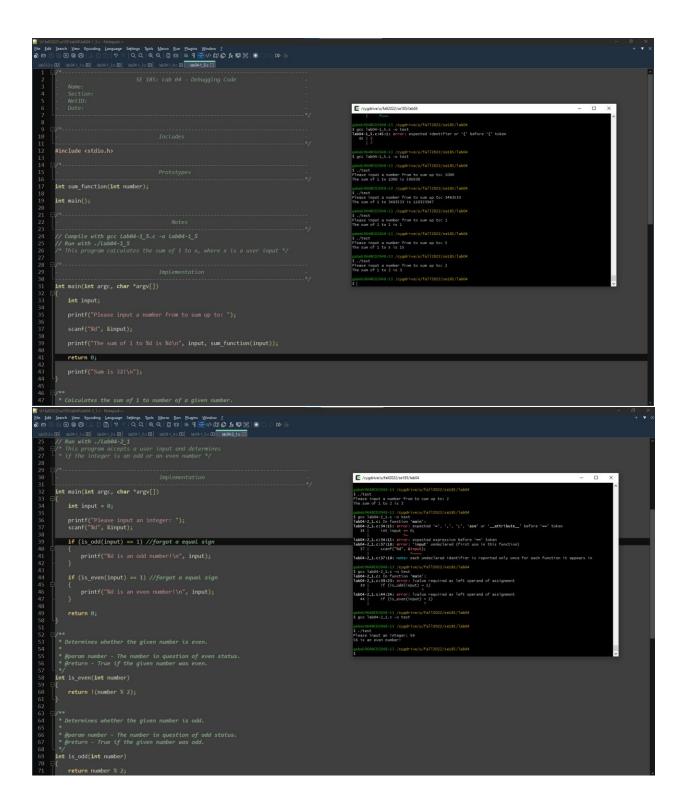
Testing

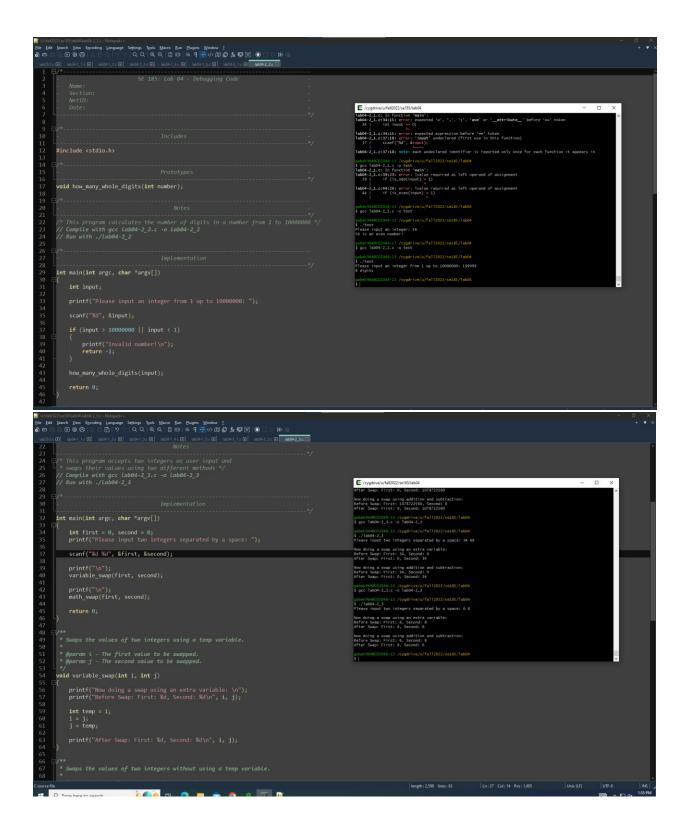
Knowing how to read the debugging messages for errors and warning can be a great skill to know when your program is not functioning correctly. In this lab we had to identify the problems and fix the solution in order to have the correct output. We have some errors regarding the if-else statements on how to approach it, but we were able to figure and get the right solution

Comments

In doing this lab it will help to identify the problems in C I never knew were possible. It gave me a more of an understanding of C and to be more careful with how I format my code and also w







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                                                                                                                                      printf("%d is a whole number.\n", number);
} else
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Screen Shots

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                                                                      void force(double mass, double acceleration); // different delcare variables
                                                               // Compile with gcc Lab04-1_2.c -o Lab04-1_2
// Run with ./Lab04-1_2
/* This program takes two inputs, acceleration and mass,
* and outputs the force = mass * acceleration */
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                                                               int main(int argc, char *argv[])
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$ ./test
Enter an acceleration in m/s^2: 8
Enter the mass of the object in kg: 100
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                                                                                                      if (j % i == 0) {
    printf("%d divides %d\n", i, j);
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