Unit 4 Assignment 1: Conditional Statements

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CIS240, Programming In C++

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Lab 4.1: Exercise 1

A screenshot of a computer screen

AI-generated content may be incorrect.  
The issue with the code was the comparison operator was a single = vs a == comparison operator. The line assigns the value of num1 to num2 it’s not the comparison operator. This made the value of the condition to evaluate to True.   
  
 Lab 4.1: Exercise 2A screenshot of a computer program

AI-generated content may be incorrect.

After changing the assignment of each input the program now properly checks the values of input 1 and 2 and outputs as expected.

Lab 4.1: Exercise 3

A screenshot of a computer program

AI-generated content may be incorrect.  
Updates line 22 so the right output prints to the screen.

Lab 4.1 Exercise 4:  
A screenshot of a computer program

AI-generated content may be incorrect.  
Added the if else statements.

Lab 4.2: Exercise 1:  
A screenshot of a computer program

AI-generated content may be incorrect.  
  
if (average < 60) 🡪 This results in an input of 60 not being greater than 60 because it’s equal to 60. In order to fix this issue we have to make this condition on line 16 to be if (average <= 60) instead.

Lab 4.2: Exercise 2:  
A screenshot of a computer program

AI-generated content may be incorrect.

Lab 4.2: Exercise 3:

A screen shot of a computer

AI-generated content may be incorrect.  
Because none of the if or else if conditions are triggered the else condition is ran and “Invalid data” is the output that gets printed to the terminal.

Lab 4.3 Exercise 1:

A screenshot of a computer program

AI-generated content may be incorrect.

This is how the NOT operator can be used