Module 1: Critical Thinking Assignment

Start Assignment

Points 100 **Submitting** a file upload

Critical Thinking Assignment (100 Points)

Creating Python Programs

Part 1:

Write a Python program to find the addition and subtraction of two numbers.

Ask the user to input two numbers (num1 and num2). Given those two numbers, add them together to find the output. Also, subtract the two numbers to find the output.

Part 2:

Write a Python program to find the multiplication and division of two numbers.

Ask the user to input two numbers (num1 and num2). Given those two numbers, multiply them together to find the output. Also, divide num1/num2 to find the output.

Compile and submit your pseudocode, source code, and screenshots of the application executing the code from parts 1 and 2, the results and GIT repository in a single document (Word is preferred).

Note: Refer to the **Module 1 Overview (https://csuglobal.instructure.com/courses/85381/pages/module-1-overview)** for resources and help using GIT.

CSC500 Mod 1 CT

Criteria	Ratings				Pts
Requirements	**35 to >28.0 pts** **Meets Expectation** Includes all of the required components, as specified in the assignment.	**28 to >21.0 pts** **Approaches Expectation** Includes most of the required components, as specified in the assignment.	**21 to >14.0 pts** **Below Expectation** Includes some of the required components, as specified in the assignment.	**14 to >0 pts** **Limited Evidence** Includes few of the required components, as specified in the assignment.	35 pts
Content	**35 to >28.0 pts** **Meets Expectation** Demonstrates strong or adequate knowledge of the materials; correctly represents knowledge from the readings and sources to create code to compute basic math functions.	**28 to >21.0 pts** **Approaches Expectation** Some significant but not major errors or omissions in demonstration of knowledge.	**21 to >14.0 pts** **Below Expectation** Major errors or omissions in demonstration of knowledge.	**14 to >0 pts** **Limited Evidence** Fails to demonstrate knowledge of the materials.	35 pts
Problem Solving	**30 to >24.0 pts** **Meets Expectation** Demonstrates strong or adequate thought and insight in creating Python code.	**24 to >18.0 pts** **Approaches Expectation** Some significant but not major errors or omissions in problem solving.	**18 to >12.0 pts** **Below Expectation** Major errors or omissions in problem solving.	**12 to >0 pts** **Limited Evidence** Fails to demonstrate problem solving.	30 pts
					Total Points: 100