Sami Case

CSC-500 Principles of Programming

Module 1 Critical Thinking Assignment

**Pseudocode**:

Part 1

Ask the user to enter the first number (num1).

Ask the user to enter the second number (num2).

Calculate the addition of num1 and num2, store the result (sum).

Calculate the subtraction of num2 from num1, store the result (dif).

Display the result of the addition (sum).

Display the result of the subtraction (dif).

Part 2

Ask the user to enter the first number (num1).

Ask the user to enter the second number (num2).

Calculate the multiplication of num1 and num2, store the result (prod).

Calculate the division of num1 by num2, store the result (div).

Display the result of the multiplication (prod)

Display the result of the division (div).

**Source Code:**

#Part 1

num1 = int(input('Enter integer:\n'))

num2 = int(input('Enter another integer:\n'))

sum = num1 + num2

dif = num1 - num2

print(num1,'+',num2,"is",sum)

print(num1,'-',num2,'is',dif)

#Part 2

num1 = int(input('Enter integer:\n'))

num2 = int(input('Enter another integer:\n'))

prod = num1 \* num2

div = num1 / num2

print(num1,'\*',num2,"is",prod)

print(num1,'/',num2,'is',div)

**Screenshot of Application Execution and Results**

**A screenshot of a computer program

Description automatically generated**

**GitHub Repository**

<https://github.com/samilcase/CSC-500-Assignments>

A screenshot of a computer

Description automatically generated