**Pseudocode:**

Part 1: Addition and Subtraction

Addition:

Print a message asking the user to input two numbers to add together.

Print a message asking for the first input.

Read the first input and store it in num1.

Print a message asking for the second input.

Read the second input and store it in num2.

Calculate the sum of num1 and num2.

Print the result of the addition.

Subtraction:

Print a message asking the user to input two numbers to subtract.

Print a message asking for the first input.

Read the first input and store it in num1.

Print a message asking for the second input.

Read the second input and store it in num2.

Calculate the difference between num1 and num2.

Print the result of the subtraction.

Part 2: Multiplication and Division

Multiplication:

Print a message asking the user to input two numbers to multiply together.

Print a message asking for the first input.

Read the first input and store it in num1.

Print a message asking for the second input.

Read the second input and store it in num2.

Calculate the product of num1 and num2.

Print the result of the multiplication.

Division:

Print a message asking the user to input two numbers to divide.

Print a message asking for the first input.

Read the first input and store it in num1.

Print a message asking for the second input.

Read the second input and store it in num2.

Calculate the quotient of num1 divided by num2.

Print the result of the division.

**Source Code:**

# 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.

# Addition

print("Please input two numbers to add together:")

print("First input:")

num1 = int(input())

print("Second input:")

num2 = int(input())

print(num1, '+', num2, '=', num1 + num2)

# Subtraction

print("Please input two numbers to subtract:")

print("First input:")

num1 = int(input())

print("Second input:")

num2 = int(input())

print(num1, '-', num2, '=', num1 - num2)

# 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.

# Multiplication

print("Please input two numbers to multiply together:")

print("First input:")

num1 = int(input())

print("Second input:")

num2 = int(input())

print(num1, '\*', num2, '=', num1 \* num2)

# Division

print("Please input two numbers to divide:")

print("First input:")

num1 = int(input())

print("Second input:")

num2 = int(input())

print(num1, '/', num2, '=', num1 / num2)

**Output:**

Addition/Subtraction:

A black screen with yellow text

Description automatically generated

Multiplication/Division:

A screenshot of a computer

Description automatically generated

**Github:** <https://github.com/damansandhu/CSU-Global---Module-1-Critical-Thinking-Assignment>