module1

November 10, 2025

Assignment "'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 for resources and help using GIT. "'

Git Repository https://github.com/izzy64/CSC500/blob/main/Module1

Pseudocode Part 1:

Get user-input num1
Get user-input num2
print sum output
print difference output

Part 2:

Get user-input num1
Get user-input num2
print product output
print quotient output

CODE

[7]:
```
# Part 1
num1 = int(input()) # Get user-input num1
num2 = int(input()) # Get user-input num2
print(f"The sum of {num1} and {num2} is: {num1+num2}") # print sum output
print(f"The difference of {num1} and {num2} is: {num1-num2}") # print␣
 ↪difference output
```

```
The sum of 12 and 4 is: 16
The difference of 12 and 4 is: 8
```

[8]:
```
# Part 2
num1 = int(input()) # Get user-input num1
num2 = int(input()) # Get user-input num2
print(f"The product of {num1} and {num2} is: {num1*num2}") # print product␣
 ↪output
print(f"The quotient of {num1} and {num2} is: {num1/num2}") # print quotient␣
 ↪output
```

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The product of 12 and 4 is: 48
The quotient of 12 and 4 is: 3.0
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