**Program #1: Addition and Subtraction of 2 numbers**

**Pseudo Code:**

Alert the member to enter the input in number format only

Prompt the user for num1:

Convert the number to a float format

Prompt the user for num2:

Convert the number into a float format

Calculate sum of num1 & num2

Print the ‘sum’ value to the output screen

Calculate Subtraction of num1 & num2

Print the ‘Subtraction’ value to the output screen

**GitHub link:** <https://github.com/sahiraj15/aiml/blob/main/csc500/two_numbers_addition_subtraction.py>

**Results:**

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

**Program #2: Multiplication and Division of 2 numbers**

**Pseudo Code:**

Notify the member to feed the inputs in number format only

Prompt the user for num1:

Convert the number into a float format

Alert the member to feed num2 value other than 0

Prompt the user for num2:

Exit the program if num2 == 0 and alert the user

Convert the number into a float format

Evaluate Multiplication: num1 \* num2

Print the ‘Multiplication’ value to the output screen

Evaluate Division: num1 / num2

Print the ‘Division value to the output screen

**GitHub link:** <https://github.com/sahiraj15/aiml/blob/main/csc500/two_numbers_multiplication_division.py>

**Results:**

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

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