

Aim:

Write a program to read two `int` inputs from the user and perform the following arithmetic operations `addition`, `subtraction`, `multiplication`, and `division` and print the result.

Sample Input and Output:

```
Addition of 40 and 10 = 50
Subtraction of 40 and 10 = 30
Multiplication of 40 and 10 = 400
Division of 40 and 10 = 4.0
```

Source Code:

`Arithexample2.py`

```
num1 = int(input ("num1: "))
num2 = int(input ("num2: "))

# Print the addition of num1 and num2
# Print the subtraction of num1 and num2
# Print the multiplication of num1 and num2
# Print the division of num1 and num2
Addition =int(num1) + int(num2)
print("Addition of {} and {} = {}".format(num1,num2,num1+num2))
Subtractio =int(num1) - int(num2)
print("Subtraction of {} and {} = {}".format(num1,num2,num1-num2))
Multiplication =int(num1) * int(num2)
print("Multiplication of {} and {} = {}".format(num1,num2,num1*num2))
Division =int(num1) / int(num2)
print("Division of {} and {} = {}".format(num1,num2,num1/num2))
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
num1: 40
num2: 20
Addition of 40 and 20 = 60
Subtraction of 40 and 20 = 20
Multiplication of 40 and 20 = 800
Division of 40 and 20 = 2.0

Test Case - 2
User Output
num1: 26
num2: 13
Addition of 26 and 13 = 39
Subtraction of 26 and 13 = 13

Multiplication of 26 and 13 = 338
Division of 26 and 13 = 2.0