S.No: 4	Exp. Name: *Arithmetic Operations (Addition, Subtraction, Multiplication, Division)*	Date:2024-08-08

Aim:

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

Input layout:
The first two lines represent the input of 2 integers **num1 and num2**.

Output layout:
First line should print the addition of provided inputs.
First line should print the subtraction of provided inputs.
First line should print the multiplication of provided inputs.
First line should print the division of provided inputs.

Example1:
Input:
num1: 40
num2: 20

Output:
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

Source Code:

Arithexample2.py

```
num1 = int(input("num1: "))
num2 = int(input("num2: "))
print("Addition of", num1,"and",num2, "=",(num1+num2))
print("Subtraction of", num1,"and",num2, "=",(num1-num2))
print("Multiplication of", num1, "and",num2, "=",(num1*num2))
print("Division of", num1, "and",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: 4
num2: 6
Addition of 4 and 6 = 10
Subtraction of 4 and 6 = -2
Multiplication of 4 and 6 = 24
Division of 4 and 6 = 0.6666666666666666