

# Basic Calculator Operations in Python

## Objective

In this assignment, you will write a Python program to perform basic calculator operations: addition, subtraction, multiplication, and division.

## Instructions

### 1. Input and Operations

#### - Option 1: User Input

If you are familiar with taking user input in Python, write a program that takes two numbers and an operation (addition, subtraction, multiplication, or division) as input from the user and performs the corresponding operation.

#### - Option 2: Variables

If you are not familiar with taking user input in Python, store two numbers in variables and perform the operations on these variables.

### 2. Operations to Implement

- Addition
- Subtraction
- Multiplication
- Division

### 3. Sample Input/Output

#### - For user input method:

Enter first number: 10

Enter second number: 5

Enter operation (+, -, \*, /): +

Output: 15

**- For variables method:**

a = 10

b = 5

# Perform operations here

**Submission Guidelines**

**- Using Git**

If you know how to use Git and GitHub, create a repository, upload your code, and share the repository link as your submission.

**- Without Git**

If you are not familiar with Git, take a screenshot of your code and output, and upload the screenshot as your submission.

**Deadline**

Please submit your assignment by [Insert Deadline Here].

**Additional Resources**

- [Python Input and Output](<https://docs.python.org/3/tutorial/inputoutput.html>)
- [Python Basic Operators]([https://www.tutorialspoint.com/python/python\\_basic\\_operators.htm](https://www.tutorialspoint.com/python/python_basic_operators.htm))
- [Git and GitHub Guide](<https://guides.github.com/activities/hello-world/>)

If you have any questions or need further assistance, feel free to reach out during office hours or post your questions in the class discussion forum.

*Happy coding!*