**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) - [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!