

## **TASK 2 : CALCULATOR**

```
def calculate():
    print("\n-----Calculator -----")
    try:
        a = float(input("Enter number 1: "))
        b = float(input("Enter number 2: "))
        op = input("Enter operation (+ - * /): ")
        operations = {
            '+': a + b,
            '-': a - b,
            '*': a * b,
            '/': "Infinity" if b == 0 else a / b
        }
        if op in operations:
            print("Result =", operations[op])
        else:
            print("Invalid operation.")
    except ValueError:
        print("Error: Please enter valid numbers.")

calculate()
```

Python 3.13.7 (tags/v3.13.7:bceefc3, Aug 14 2025, 14:15:11) [MSC v.1944 64 bit (AMD64)] on win32

Enter "help" below or click "Help" above for more information.

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```
===== RESTART: C:/Users/aksha/OneDrive/codsoft internship tasks/task2.py =====
```

-----Calculator -----

Enter number 1: 50

Enter number 2: 5

Enter operation (+ - \* /): /

Result = 10.0

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