

## TASK 2 : CALCULATOR

### Program:

```
def calculator():
```

```
    print("Simple Calculator")
```

```
    print("-----")
```

```
    print("Operations:")
```

```
    print("1. Addition (+)")
```

```
    print("2. Subtraction (-)")
```

```
    print("3. Multiplication (*)")
```

```
    print("4. Division (/)")
```

```
    num1 = float(input("Enter the first number: "))
```

```
    num2 = float(input("Enter the second number: "))
```

```
    choice = input("Choose operation (+, -, *, /): ")
```

```
    if choice == '+':
```

```
        result = num1 + num2
```

```
        print("Result: ", result)
```

```
    elif choice == '-':
```

```
        result = num1 - num2
```

```
        print("Result: ", result)
```

```
    elif choice == '*':
```

```
        result = num1 * num2
```

```
        print("Result: ", result)
```

```
    elif choice == '/':
```

```
        if num2 != 0:
```

```
result = num1 / num2
```

```
print("Result: ", result)
```

```
else:
```

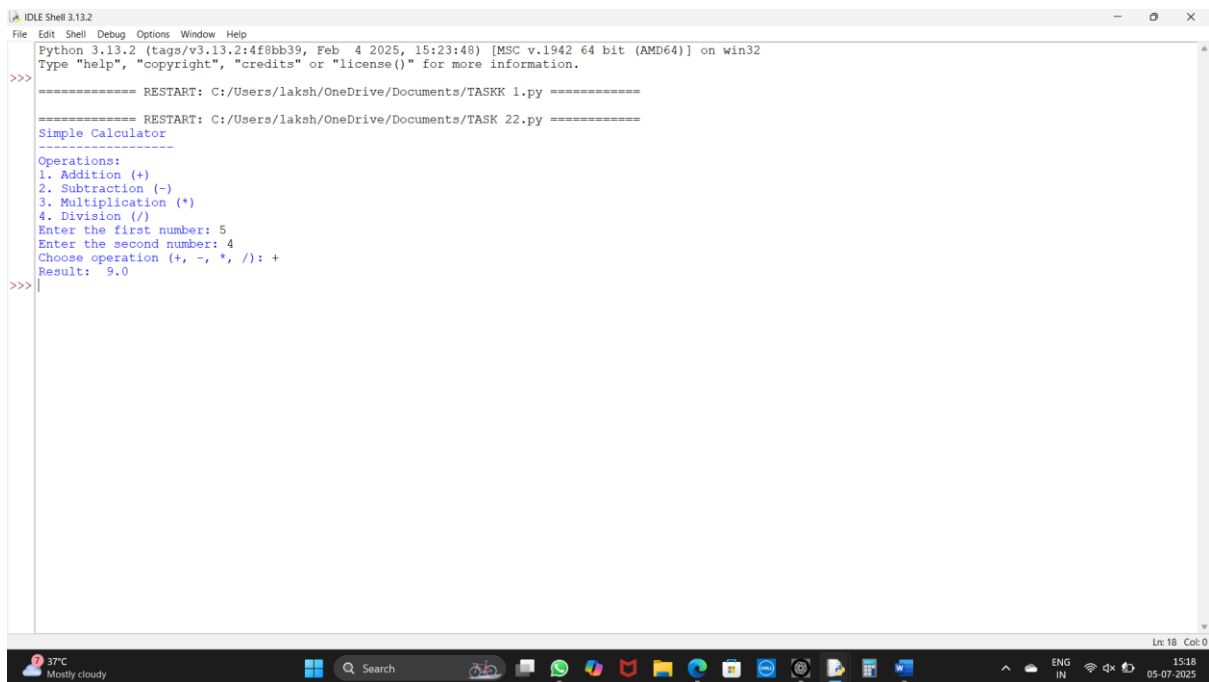
```
print("Error: Cannot divide by zero!")
```

```
else:
```

```
print("Invalid operation selected.")
```

```
calculator()
```

## OUTPUT:



The screenshot shows an IDLE Shell window titled "IDLE Shell 3.13.2". The window contains the following text:

```
Python 3.13.2 (tags/v3.13.2:4f8bb39, Feb  4 2025, 15:23:48) [MSC v.1942 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/laksh/OneDrive/Documents/TASKK 1.py =====
===== RESTART: C:/Users/laksh/OneDrive/Documents/TASK 22.py =====
Simple Calculator
=====
Operations:
1. Addition (+)
2. Subtraction (-)
3. Multiplication (*)
4. Division (/)
Enter the first number: 5
Enter the second number: 4
Choose operation (+, -, *, /): +
Result: 9.0
>>>
```

The window also shows a Windows taskbar at the bottom with the date and time "15:18 05-07-2025".