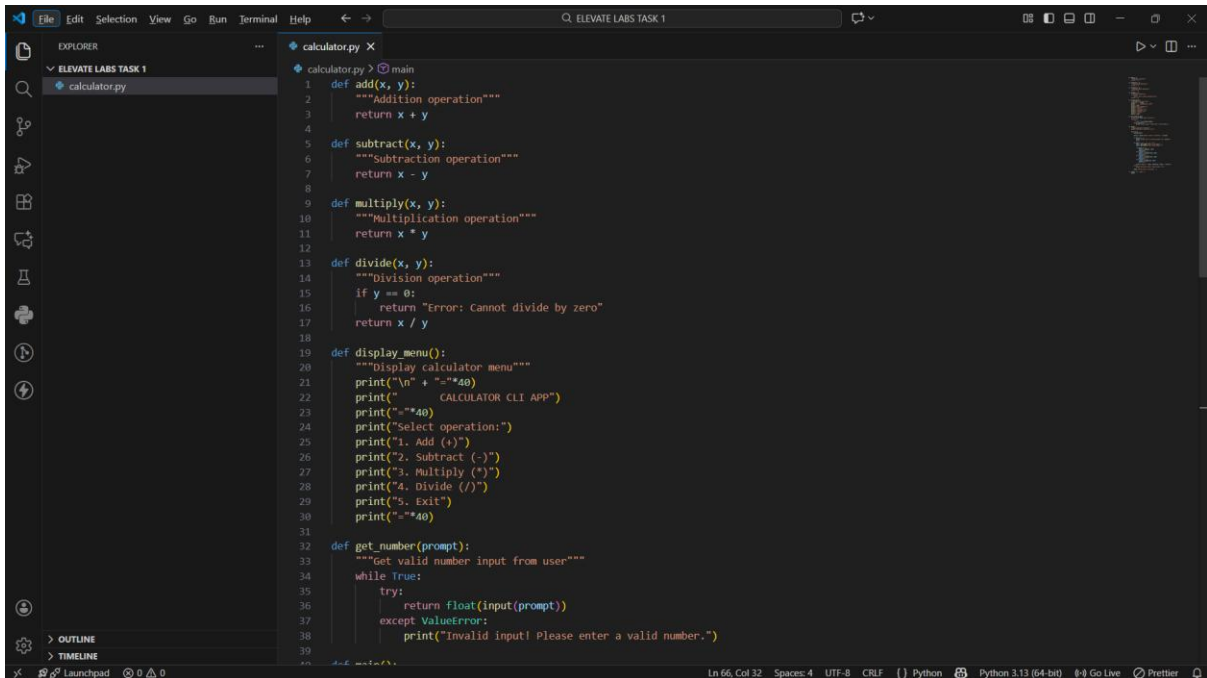
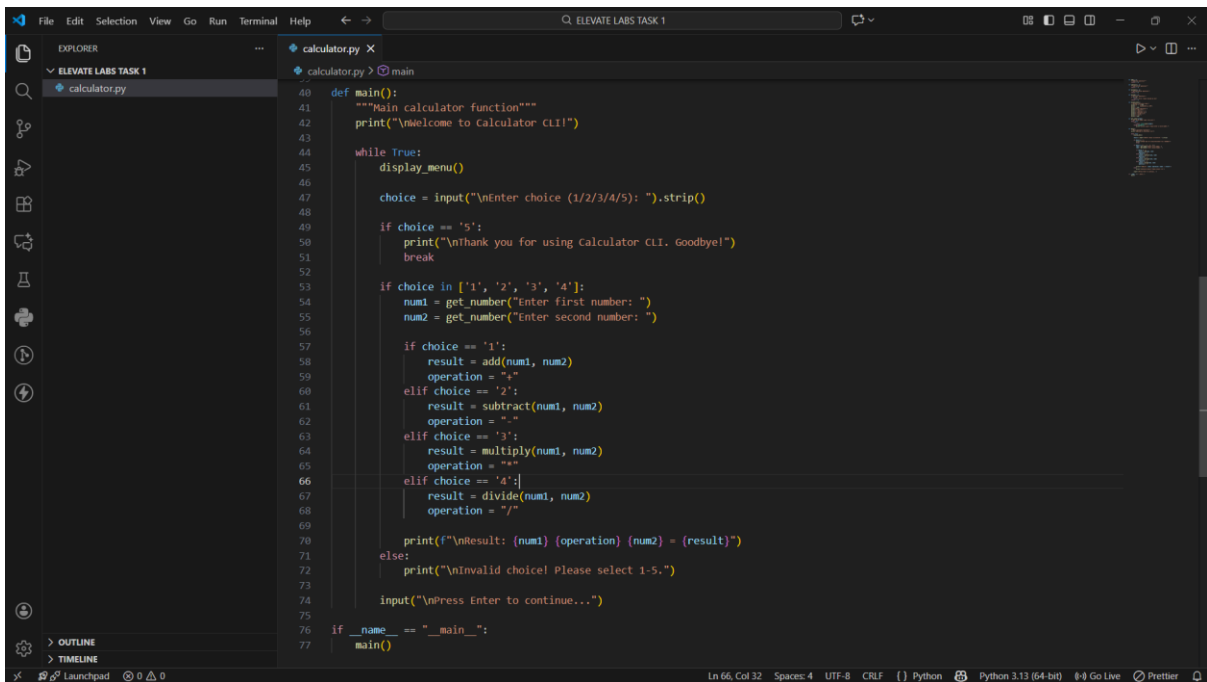


SCREENSHOTS



This screenshot shows the first part of a Python script named `calculator.py`. The code defines four functions: `add`, `subtract`, `multiply`, and `divide`, each with a docstring and a return statement. It also defines `display_menu()` which prints a menu of options, and `get_number(prompt)` which prompts the user for a number and returns it as a float, handling a `ValueError` for invalid input. The Explorer panel on the left shows the file structure, and the bottom status bar indicates the file is at line 66, column 32.

```
calculator.py > @ main
1 def add(x, y):
2     """Addition operation"""
3     return x + y
4
5 def subtract(x, y):
6     """Subtraction operation"""
7     return x - y
8
9 def multiply(x, y):
10    """Multiplication operation"""
11    return x * y
12
13 def divide(x, y):
14    """Division operation"""
15    if y == 0:
16        return "Error: Cannot divide by zero"
17    return x / y
18
19 def display_menu():
20    """Display calculator menu"""
21    print("\n" + "="*40)
22    print("    CALCULATOR CLI APP")
23    print("="*40)
24    print("Select operation:")
25    print("1. Add (+)")
26    print("2. Subtract (-)")
27    print("3. Multiply (*)")
28    print("4. Divide (/)")
29    print("5. Exit")
30    print("="*40)
31
32 def get_number(prompt):
33    """Get valid number input from user"""
34    while True:
35        try:
36            return float(input(prompt))
37        except ValueError:
38            print("Invalid input! Please enter a valid number.")
39
40
```



This screenshot shows the second part of the `calculator.py` script. It defines the `main()` function, which contains a `while` loop that calls `display_menu()` and prompts the user for a choice. Based on the choice, it calls the appropriate operation function (`add`, `subtract`, `multiply`, or `divide`) with user-provided numbers. It then prints the result or an error message for invalid choices. The `if __name__ == "__main__":` block at the bottom calls `main()`. The Explorer panel on the left shows the file structure, and the bottom status bar indicates the file is at line 66, column 32.

```
calculator.py > @ main
40 def main():
41     """Main calculator function"""
42     print("\nWelcome to Calculator CLI!")
43
44     while True:
45         display_menu()
46
47         choice = input("\nEnter choice (1/2/3/4/5): ").strip()
48
49         if choice == '5':
50             print("\nThank you for using Calculator CLI. Goodbye!")
51             break
52
53         if choice in ['1', '2', '3', '4']:
54             num1 = get_number("Enter first number: ")
55             num2 = get_number("Enter second number: ")
56
57             if choice == '1':
58                 result = add(num1, num2)
59                 operation = "+"
60             elif choice == '2':
61                 result = subtract(num1, num2)
62                 operation = "-"
63             elif choice == '3':
64                 result = multiply(num1, num2)
65                 operation = "*"
66             elif choice == '4':
67                 result = divide(num1, num2)
68                 operation = "/"
69
70             print(f"\nResult: (num1) (operation) (num2) = (result)")
71         else:
72             print("\nInvalid choice! Please select 1-5.")
73
74         input("\nPress Enter to continue...")
75
76 if __name__ == "__main__":
77     main()
```

OUTPUT

```
PS C:\Users\kunda\OneDrive\Desktop\ELEVATE LABS TASK 1> & C:\Users\kunda\AppData\Local\Programs\Python\Python313\python.exe "c:/Users/kunda/OneDrive/Desktop/ELEVATE LABS TASK 1/calculator.py"

Welcome to Calculator CLI!

=====
CALCULATOR CLI APP
=====
Select operation:
1. Add (+)
2. Subtract (-)
3. Multiply (*)
4. Divide (/)
5. Exit
=====

Enter choice (1/2/3/4/5): 1
Enter first number: 10
Enter second number: 20

Result: 10.0 + 20.0 = 30.0

Press Enter to continue...

=====
CALCULATOR CLI APP
=====
Select operation:
1. Add (+)
2. Subtract (-)
3. Multiply (*)
4. Divide (/)
5. Exit
=====

Enter choice (1/2/3/4/5): 2
Enter first number: 30
Enter second number: 220

Result: 30.0 - 220.0 = -190.0

Press Enter to continue...
```

```
=====
CALCULATOR CLI APP
=====
Select operation:
1. Add (+)
2. Subtract (-)
3. Multiply (*)
4. Divide (/)
5. Exit
=====

Enter choice (1/2/3/4/5): 3
Enter first number: 10
Enter second number: 10

Result: 10.0 * 10.0 = 100.0

Press Enter to continue...

=====
CALCULATOR CLI APP
=====
Select operation:
1. Add (+)
2. Subtract (-)
3. Multiply (*)
Press Enter to continue...

=====
CALCULATOR CLI APP
=====
Select operation:
1. Add (+)
2. Subtract (-)
3. Multiply (*)
Press Enter to continue...

=====
CALCULATOR CLI APP
=====
Select operation:
1. Add (+)
2. Subtract (-)
3. Multiply (*)
Press Enter to continue...
```

```
=====
CALCULATOR CLI APP
=====
Select operation:
1. Add (+)
2. Subtract (-)
3. Multiply (*)
=====
CALCULATOR CLI APP
=====
Select operation:
1. Add (+)
2. Subtract (-)
3. Multiply (*)
=====
Select operation:
1. Add (+)
2. Subtract (-)
3. Multiply (*)
4. Divide (/)
5. Exit
=====
Select operation:
1. Add (+)
2. Subtract (-)
3. Multiply (*)
4. Divide (/)
5. Exit
=====
3. Multiply (*)
4. Divide (/)
5. Exit
=====
4. Divide (/)
5. Exit
=====

Enter choice (1/2/3/4/5): 4
Enter first number: 50
Enter second number: 2
=====

Enter choice (1/2/3/4/5): 4
Enter first number: 50
Enter second number: 2
```

```
Result: 50.0 / 2.0 = 25.0

Enter choice (1/2/3/4/5): 4
Enter first number: 50
Enter second number: 2

Result: 50.0 / 2.0 = 25.0
Enter first number: 50
Enter second number: 2

Result: 50.0 / 2.0 = 25.0

Result: 50.0 / 2.0 = 25.0

Press Enter to continue...
Press Enter to continue...

=====

CALCULATOR CLI APP
=====
CALCULATOR CLI APP
=====
CALCULATOR CLI APP
=====

Select operation:
1. Add (+)
2. Subtract (-)
3. Multiply (*)
4. Divide (/)
5. Exit
=====

Enter choice (1/2/3/4/5): 5

Thank you for using Calculator CLI. Goodbye!
PS C:\Users\kunda\OneDrive\Desktop\ELEVATE LABS TASK 1>
```