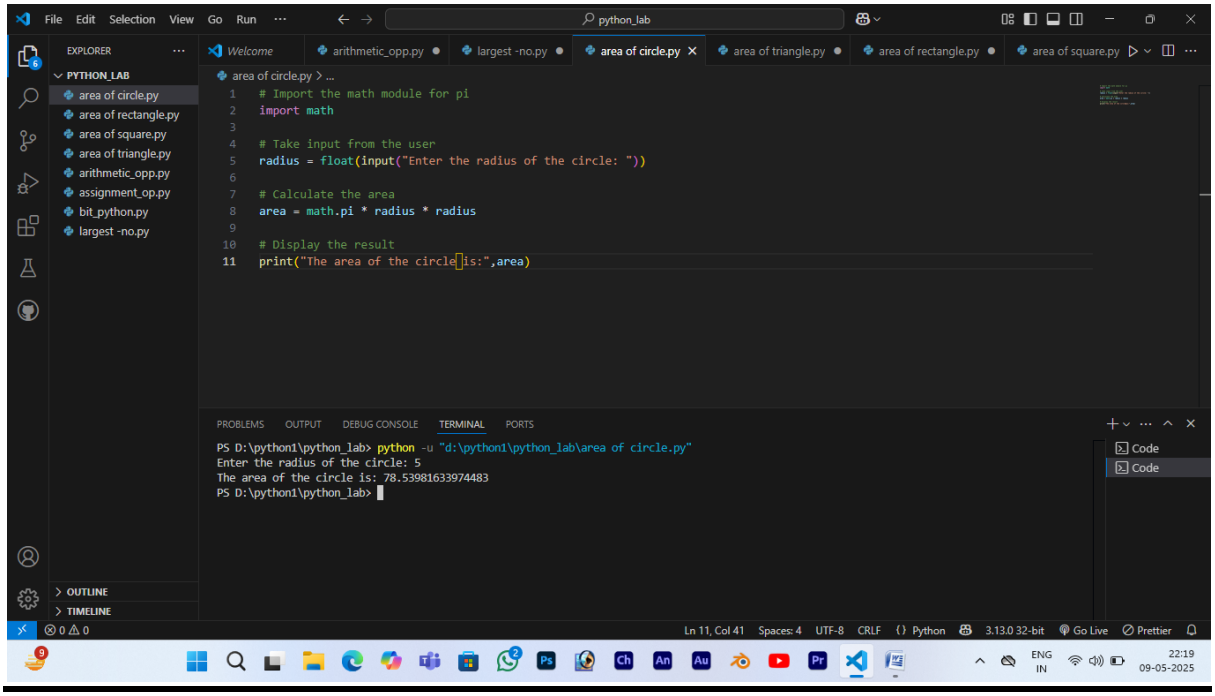
Lab

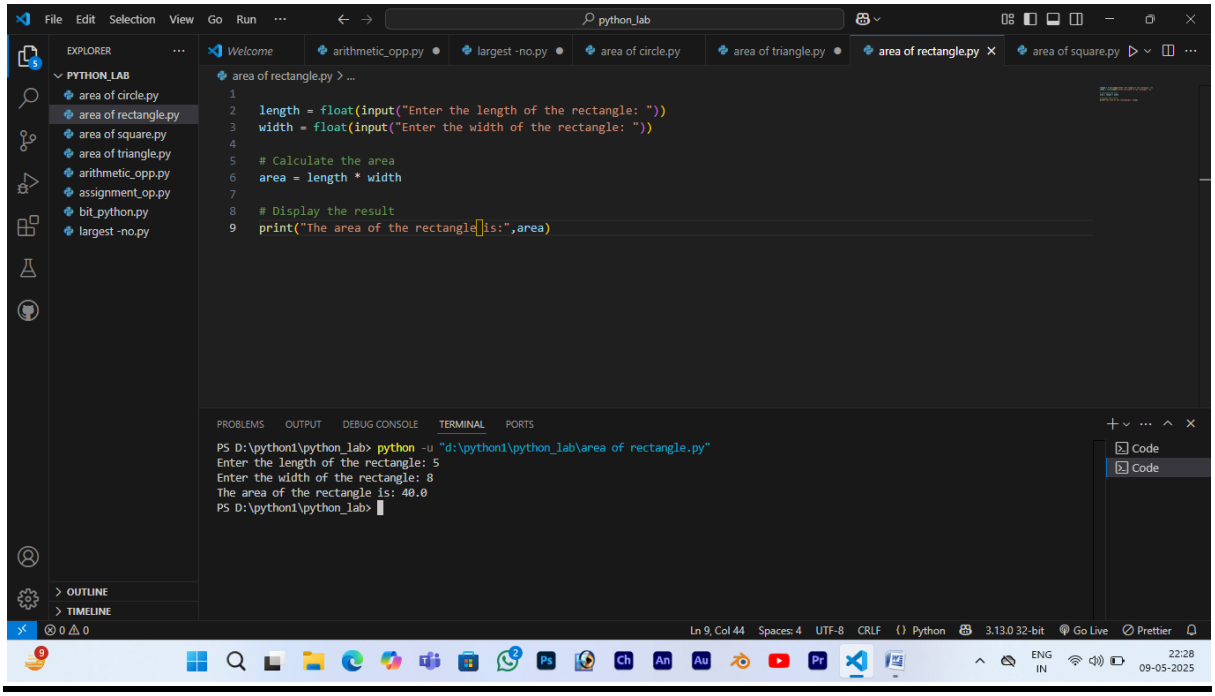
Area of circle

```python
num1 = float(input("Enter the first number: "))
num2 = float(input("Enter the second number: "))

# Ask the user to choose an operator
print("Choose an operator: +, -, *, /")
operator = input("Enter operator: ")

# Perform calculation based on operator
if operator == '+':
    result = num1 + num2
    print("Result:", result)
elif operator == '-':
    result = num1 - num2
    print("Result:", result)
elif operator == '*':
    result = num1 * num2
    print("Result:", result)
elif operator == '/':
    if num2 != 0:
        result = num1 / num2
        print("Result:", result)
    else:
        print("Error: Cannot divide by zero")
else:
    print("Invalid operator")
```

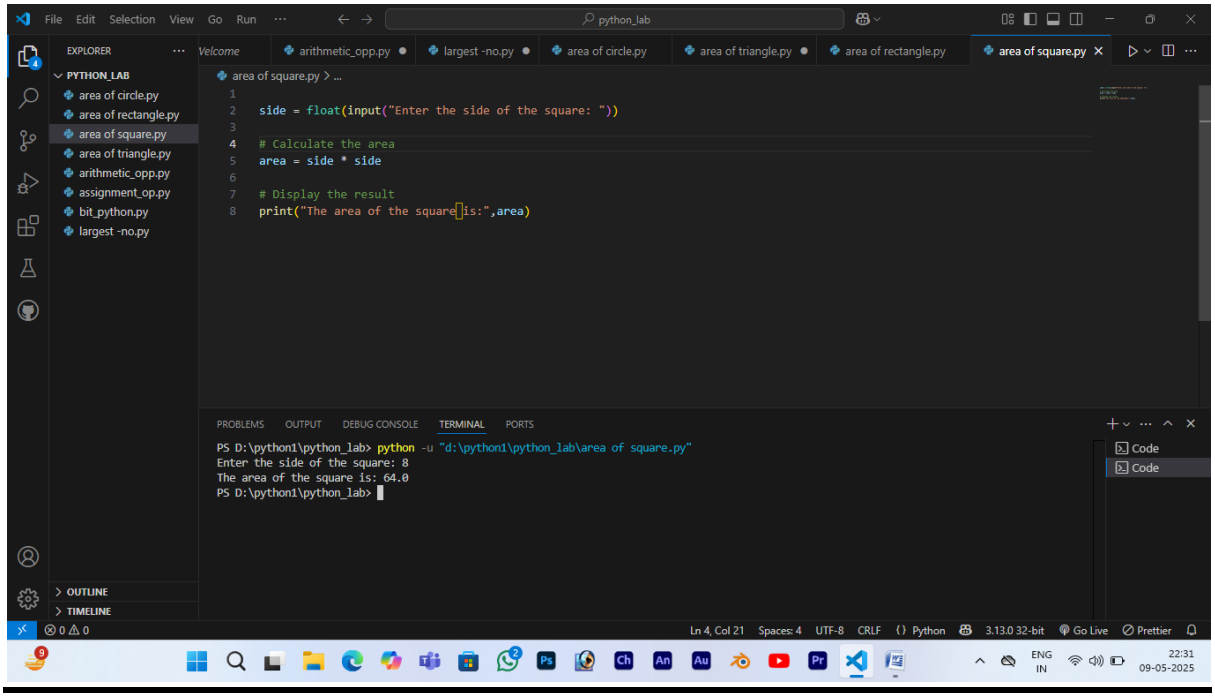


Area of rectangle

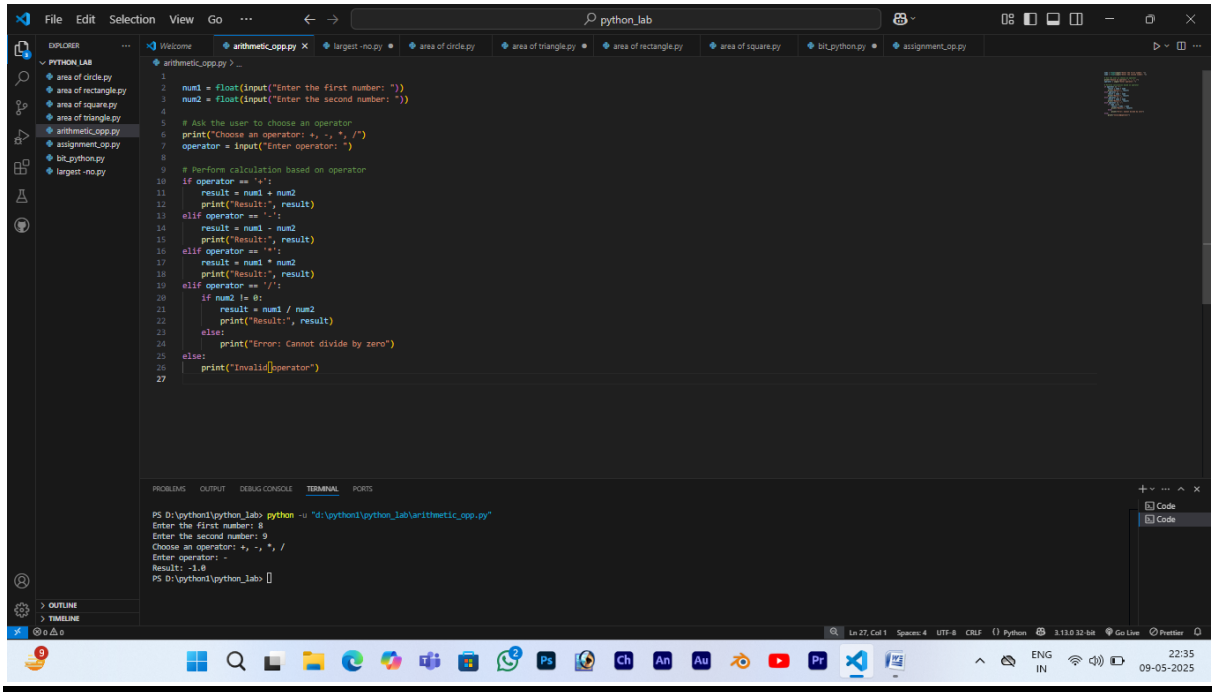
```
length = float(input("Enter the length of the rectangle: "))
width = float(input("Enter the width of the rectangle: "))

# Calculate the area
area = length * width

# Display the result
print("The area of the rectangle is:",area)
```



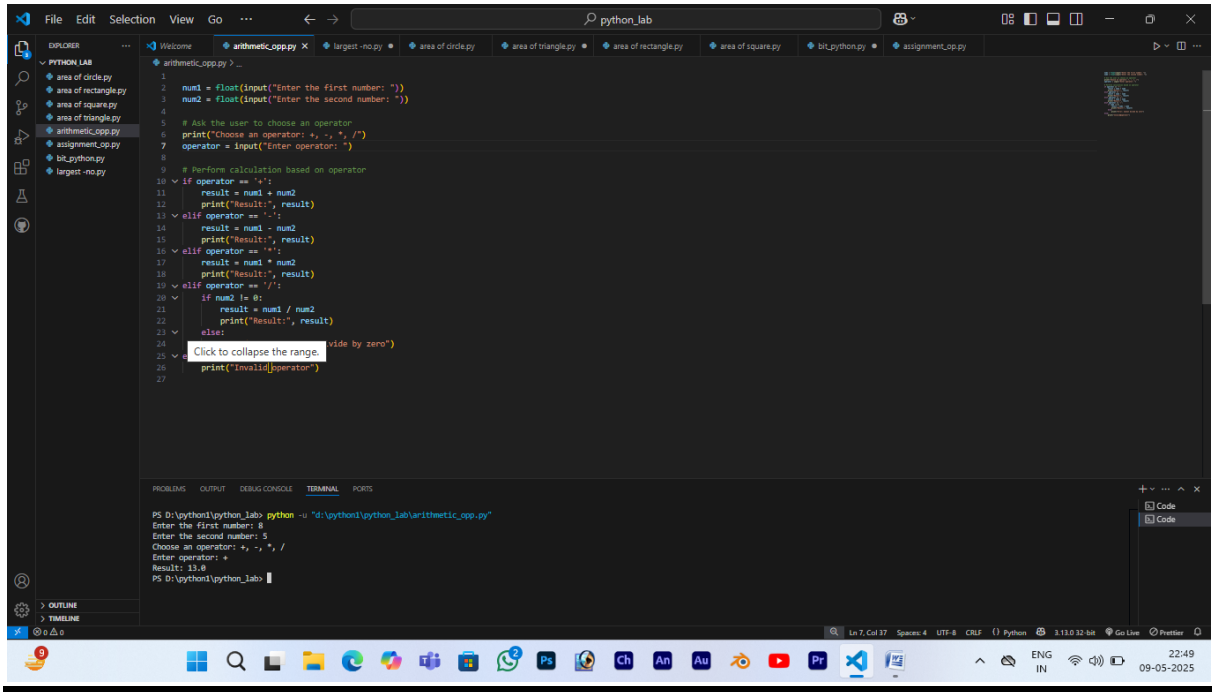
Area of Square



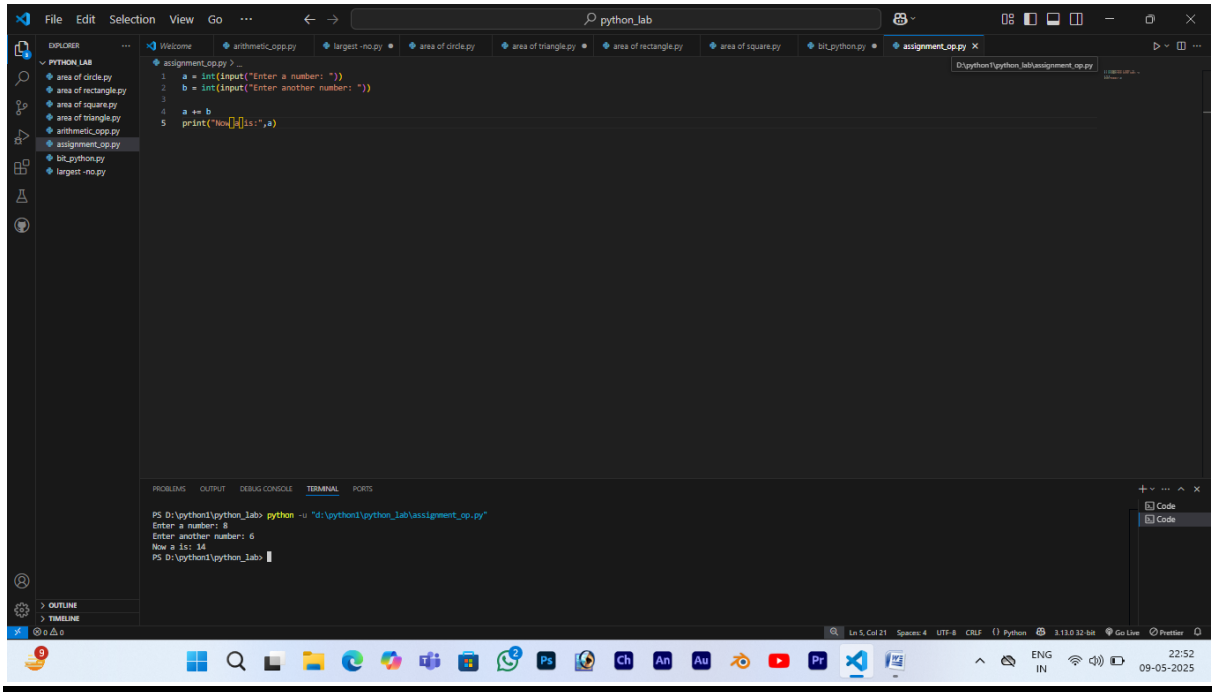
Area of Triangle



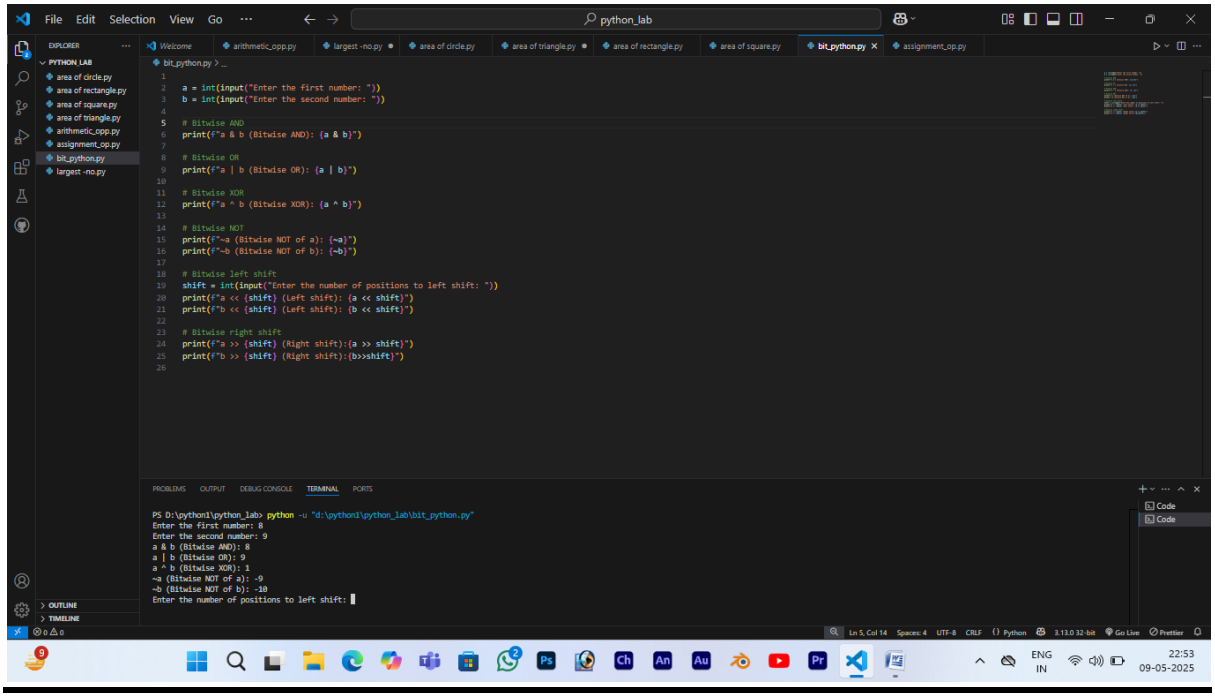
Arithmetic operation



Assignment operator



Bitwise operators



Greatest of 3 NO.

```
a = float(input("Enter first number: "))
b = float(input("Enter second number: "))
c = float(input("Enter third number: "))
```

```python
# Finding the greatest number
greatest = max(a, b, c)

# Displaying the result
print("The greatest number is:",greatest)
```