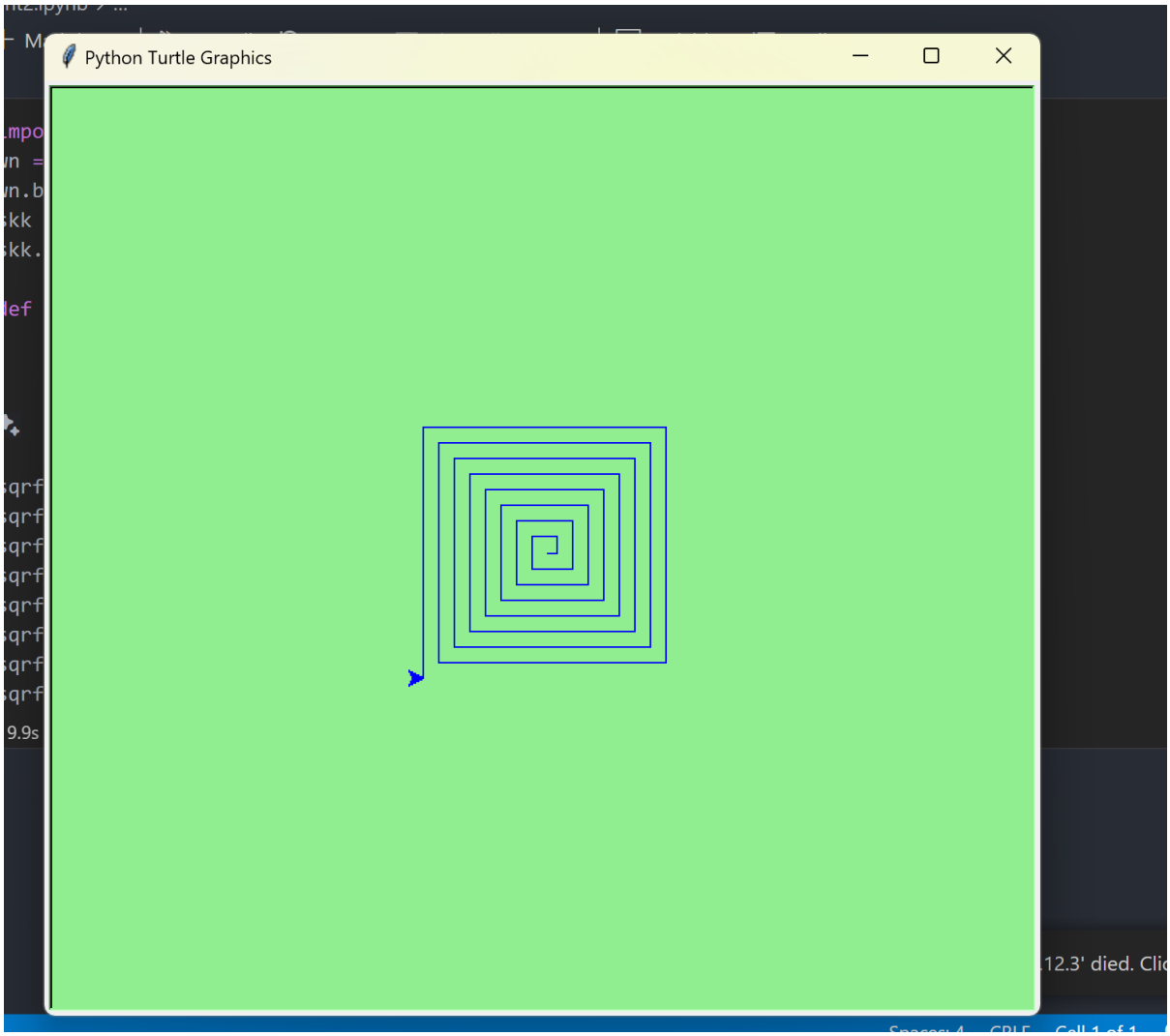
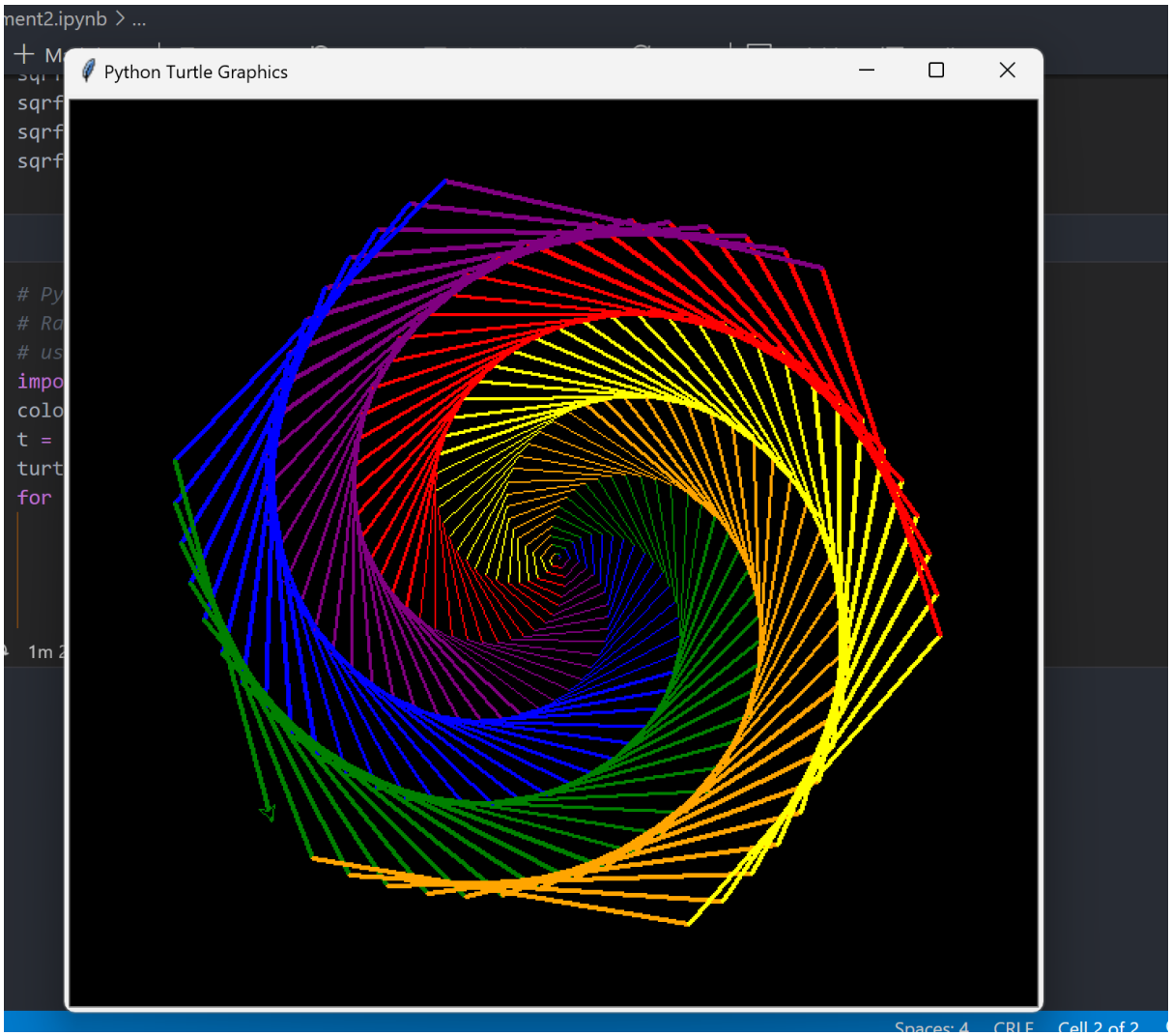
Q.No.01



Q.No.02


ment2.ipynb > ...
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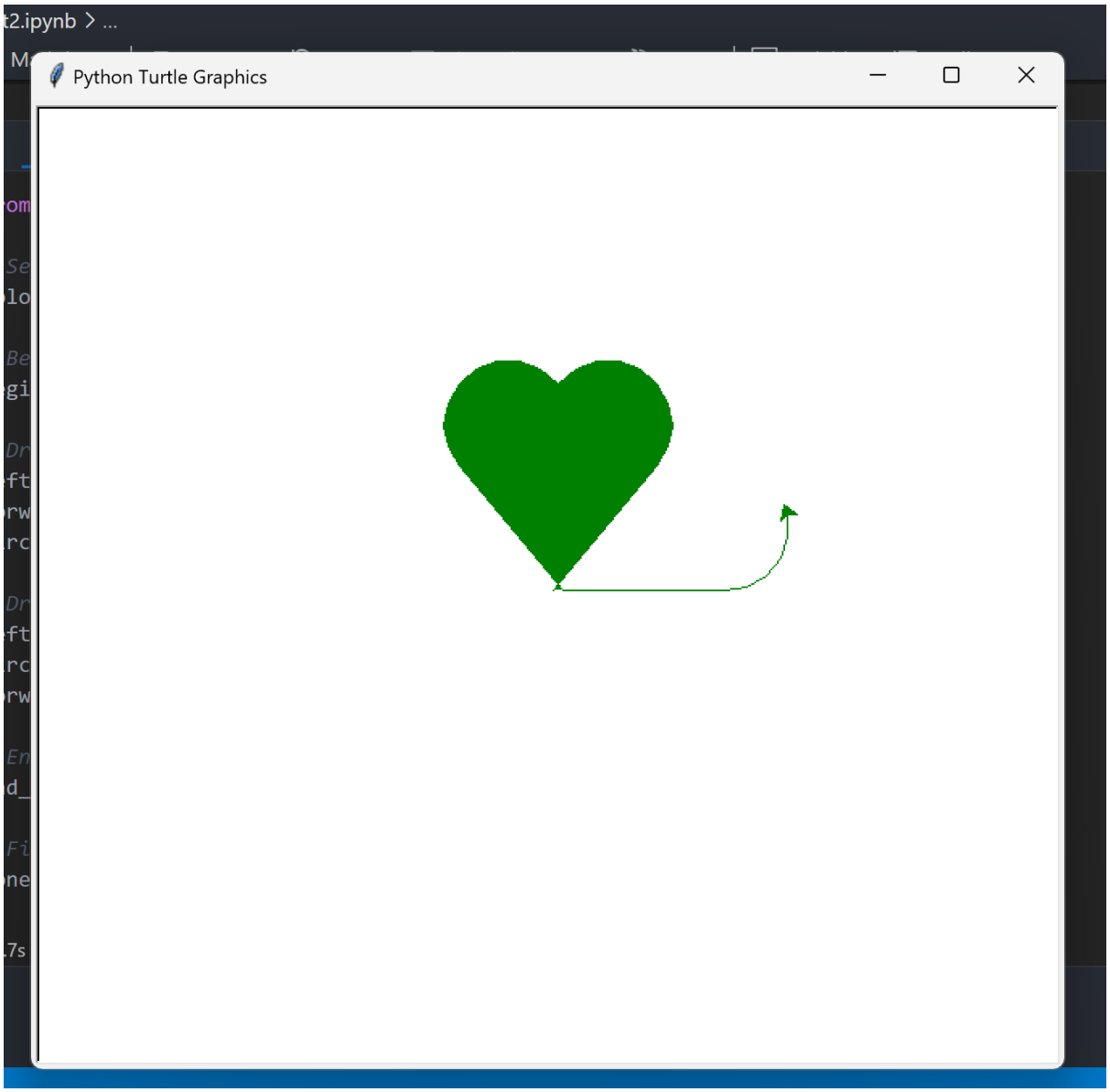
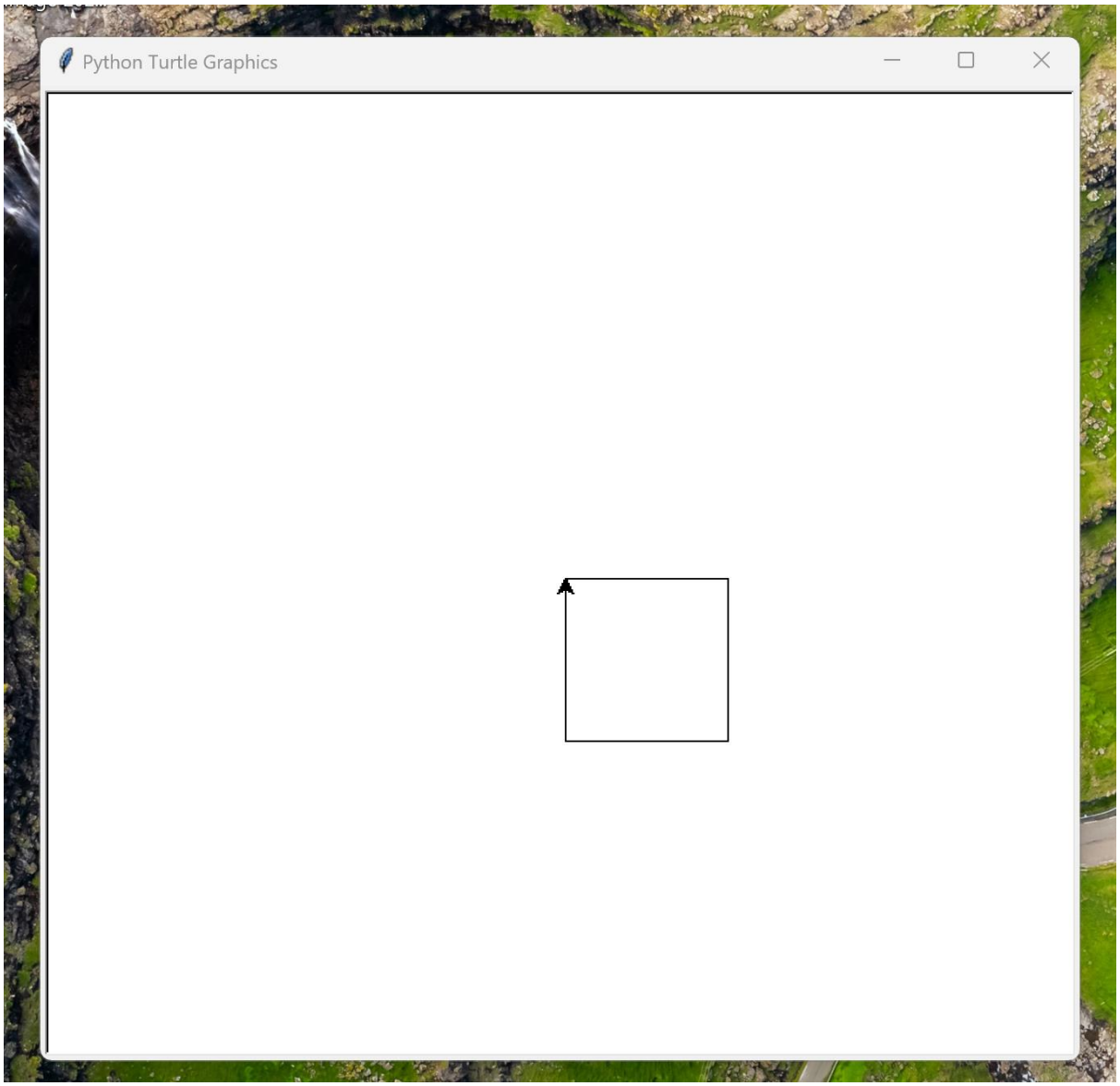
Q.No.03



Q.No.04




```
import turtle
# move turtle forward with
# distance = 100
turtle.forward(100) # move the turtle forward by 50
turtle.right(90) # change the direction
turtle.forward(100) # move the turtle forward by 50 again
turtle.right(90)
turtle.forward(100)
turtle.right(90)
turtle.forward(100)
```

[ ]

Q.No.05

```python
def add(x, y):
    return x + y

def subtract(x, y):
    return x - y

def multiply(x, y):
    return x * y

def divide(x, y):
    if y != 0:
        return x / y
    else:
        return "Error! Division by zero."

while True:
    print("\nSimple Calculator")
    print("1. Addition")
    print("2. Subtraction")
    print("3. Multiplication")
    print("4. Division")
    print("5. Exit")

    choice = input("Enter your choice (1/2/3/4/5): ")

    if choice == '5':
        print("Exiting the program...")
        break

    if choice in ['1', '2', '3', '4']:
        num1 = float(input("Enter the first number: "))
        num2 = float(input("Enter the second number: "))

        if choice == '1':
            print(f"The result is: {add(num1, num2)}")
        elif choice == '2':
            print(f"The result is: {subtract(num1, num2)}")
        elif choice == '3':
            print(f"The result is: {multiply(num1, num2)}")
        elif choice == '4':
            print(f"The result is: {divide(num1, num2)}")
    else:
        print("Invalid input! Please enter a valid option.")
```

✓ 33.1s