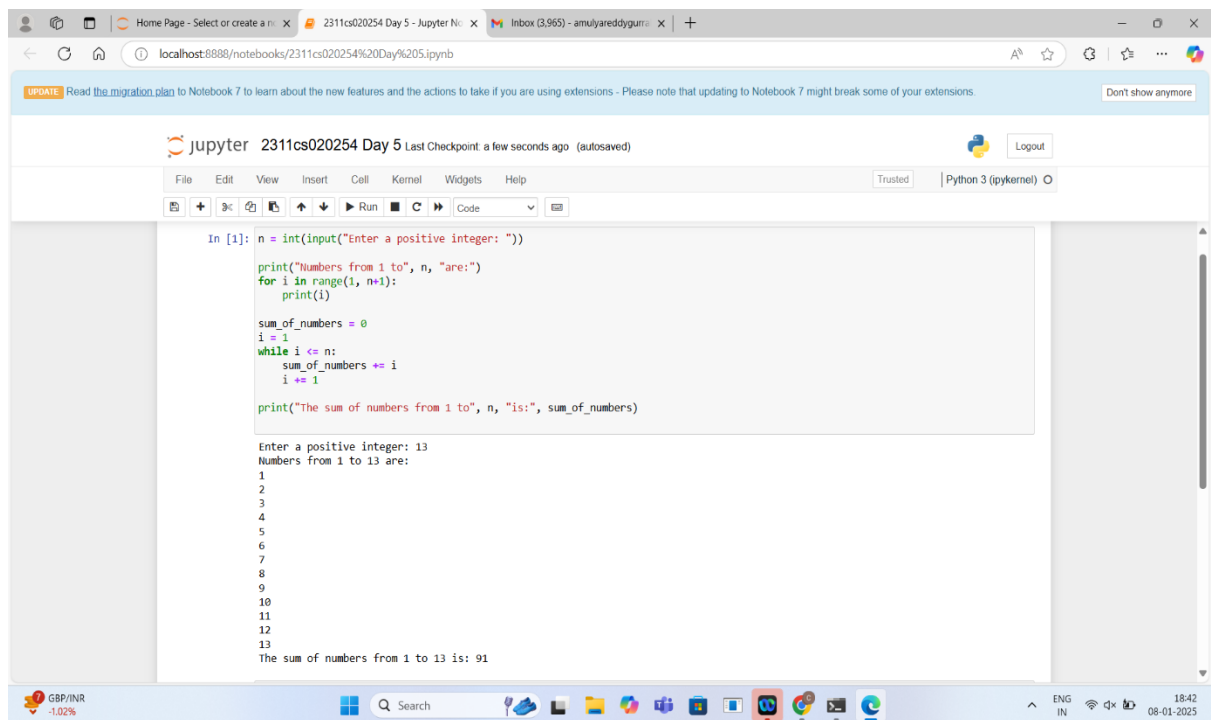**Day-5**

1)Write a Python program that performs the following tasks:

- **Ask the user to enter a positive integer `n`.**
- **Use a `for` loop to print all numbers from `1` to `n` on separate lines.**
- **Use a `while` loop to calculate the sum of all numbers from `1` to `n` and print the result**

2. Write a Python program that includes a user-defined function to perform the following tasks:

- **Define a function named calculate_square that takes a single argument `n` and returns the square of `n`.**
- **In the main program, ask the user to input a positive integer.**
- **Call the calculate_square function with the user-provided number and display the result.**

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Trusted Python 3 (ipykernel) O

```
8
9
10
11
12
13
The sum of numbers from 1 to 13 is: 91
```

In [2]:
```python
def calculate_square(n):
    return n * n

number = int(input("Enter a positive integer to calculate its square: "))

result = calculate_square(number)
print(f"The square of {number} is: {result}")
```

```
Enter a positive integer to calculate its square: 4
The square of 4 is: 16
```

In [ ]: