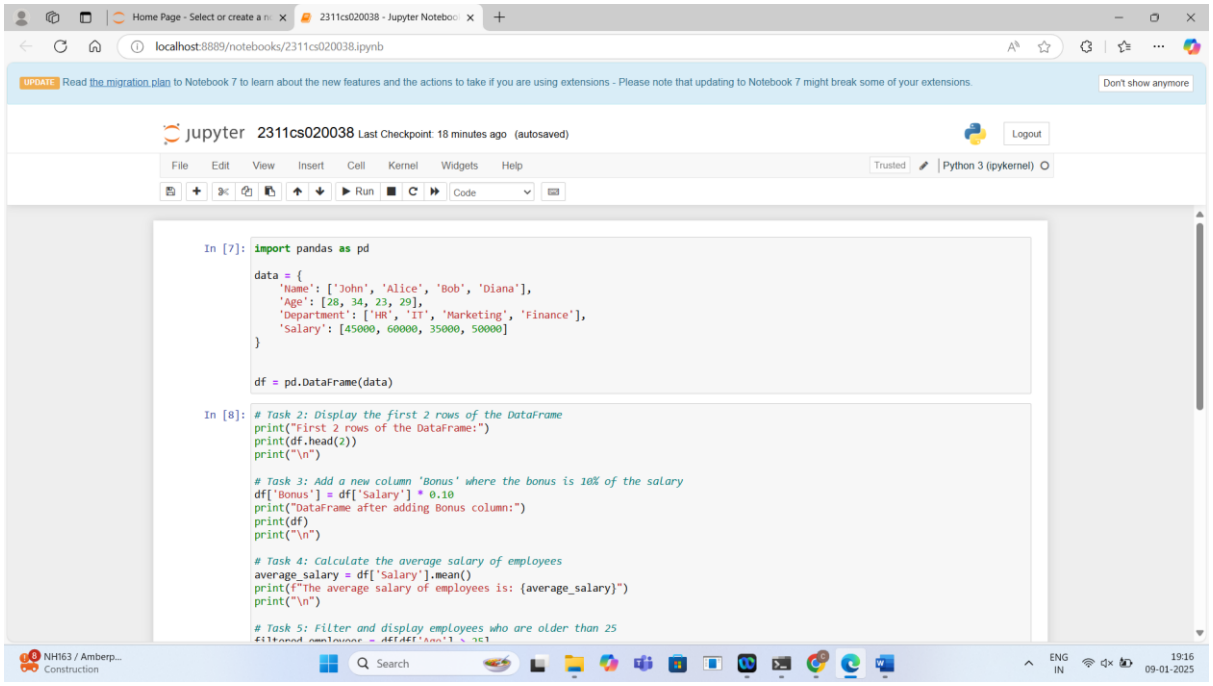
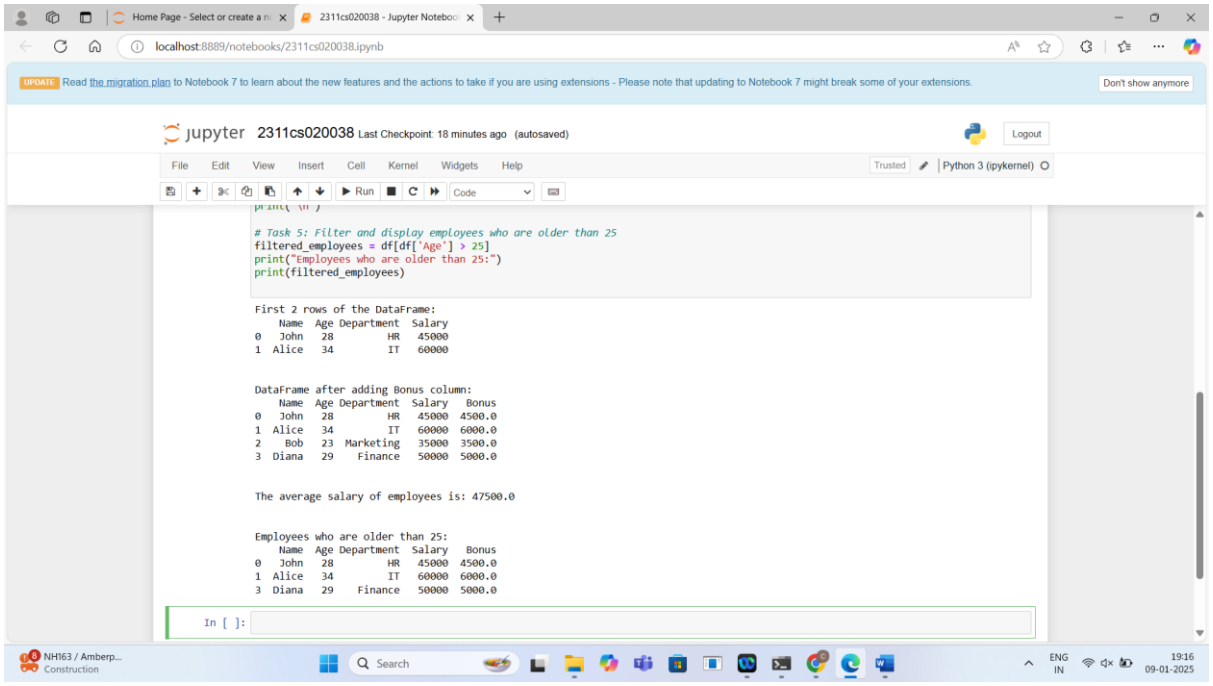
Question: Using the Pandas library, perform the following tasks:

1. Create a DataFrame from the following data:
Name	Age	Department	Salary
John	28	HR	45000
Alice	34	IT	60000
Bob	23	Marketing	35000
Diana	29	Finance	50000

2. Write code to: - Display the first 2 rows of the DataFrame. - Add a new column named Bonus where the bonus is 10% of the salary. - Calculate the average salary of employees in the DataFrame. - Filter and display employees who are older than 25.

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UPDATE Read the migration plan to Notebook 7 to learn about the new features and the actions to take if you are using extensions - Please note that updating to Notebook 7 might break some of your extensions.
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Code
print(\n)
# Task 5: Filter and display employees who are older than 25
filtered_employees = df[df['Age'] > 25]
print("Employees who are older than 25:")
print(filtered_employees)
First 2 rows of the DataFrame:
Name Age Department Salary
0 John 28 HR 45000
1 Alice 34 IT 60000
DataFrame after adding Bonus column:
Name Age Department Salary Bonus
0 John 28 HR 45000 4500.0
1 Alice 34 IT 60000 6000.0
2 Bob 23 Marketing 35000 3500.0
3 Diana 29 Finance 50000 5000.0
The average salary of employees is: 47500.0
Employees who are older than 25:
Name Age Department Salary Bonus
0 John 28 HR 45000 4500.0
1 Alice 34 IT 60000 6000.0
3 Diana 29 Finance 50000 5000.0
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