ASSIGNMENT 7:

Module 16: Building Database Apps with PostgreSQL & Python

Description: For this assignment, you are required to:

1.Complete all course lectures within the module, ensuring you follow the concepts taught in each session.

2.Implement all practical exercises provided in the course lectures**. Each practical task should be executed and the results properly documented.**

3.Take complete, unedited screenshots of each practical output along with the corresponding code. Ensure that the following are visible in your screenshots:

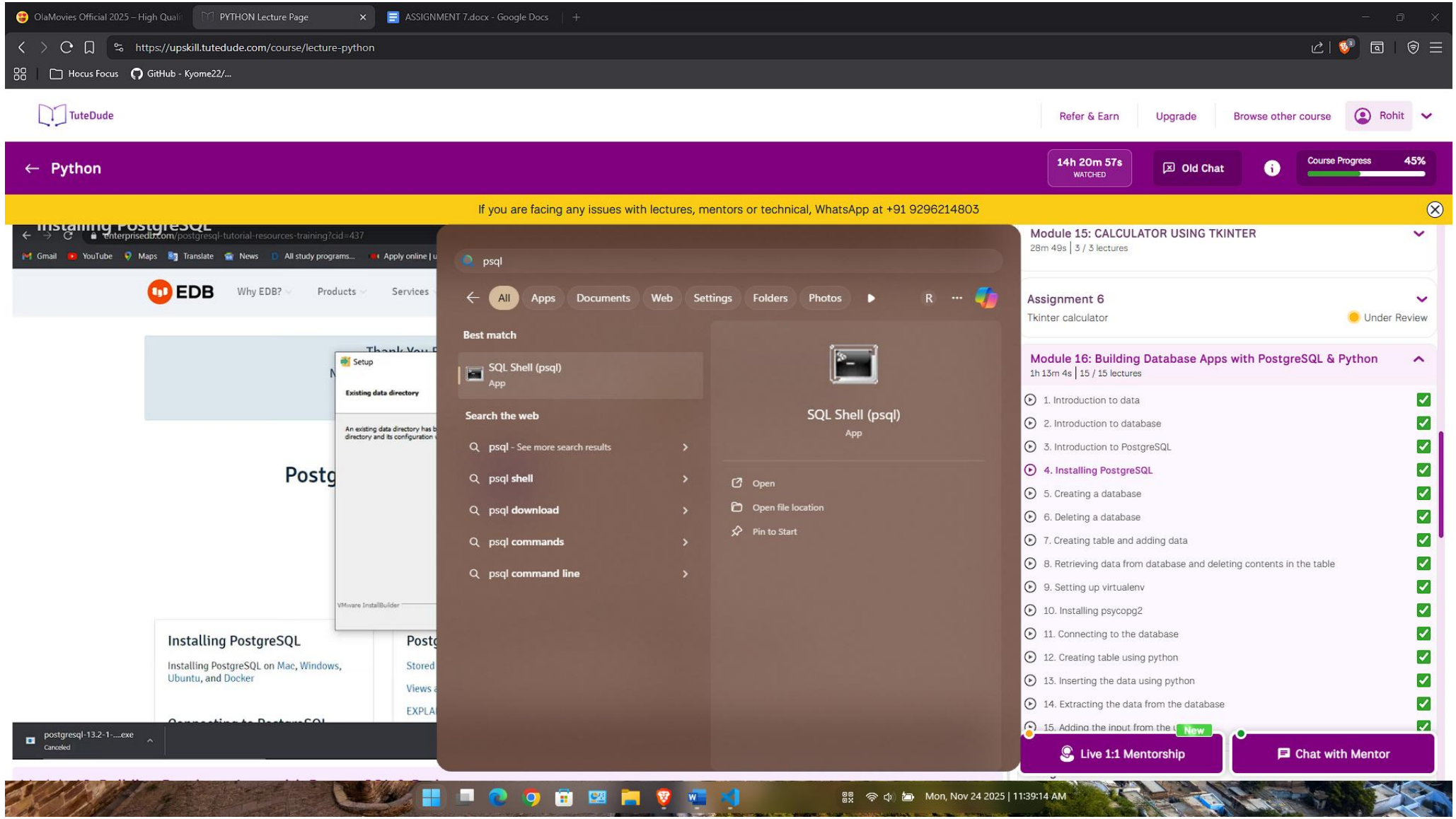
- The **full code** you executed.
- The **output displayed** on your system, including the **system timestamp**.
- **No cropping or editing** should be done on the screenshots. Any attempt to crop or modify the screenshots will result in your submission being considered invalid, and you will be required to resubmit it.

Submission: You should either:

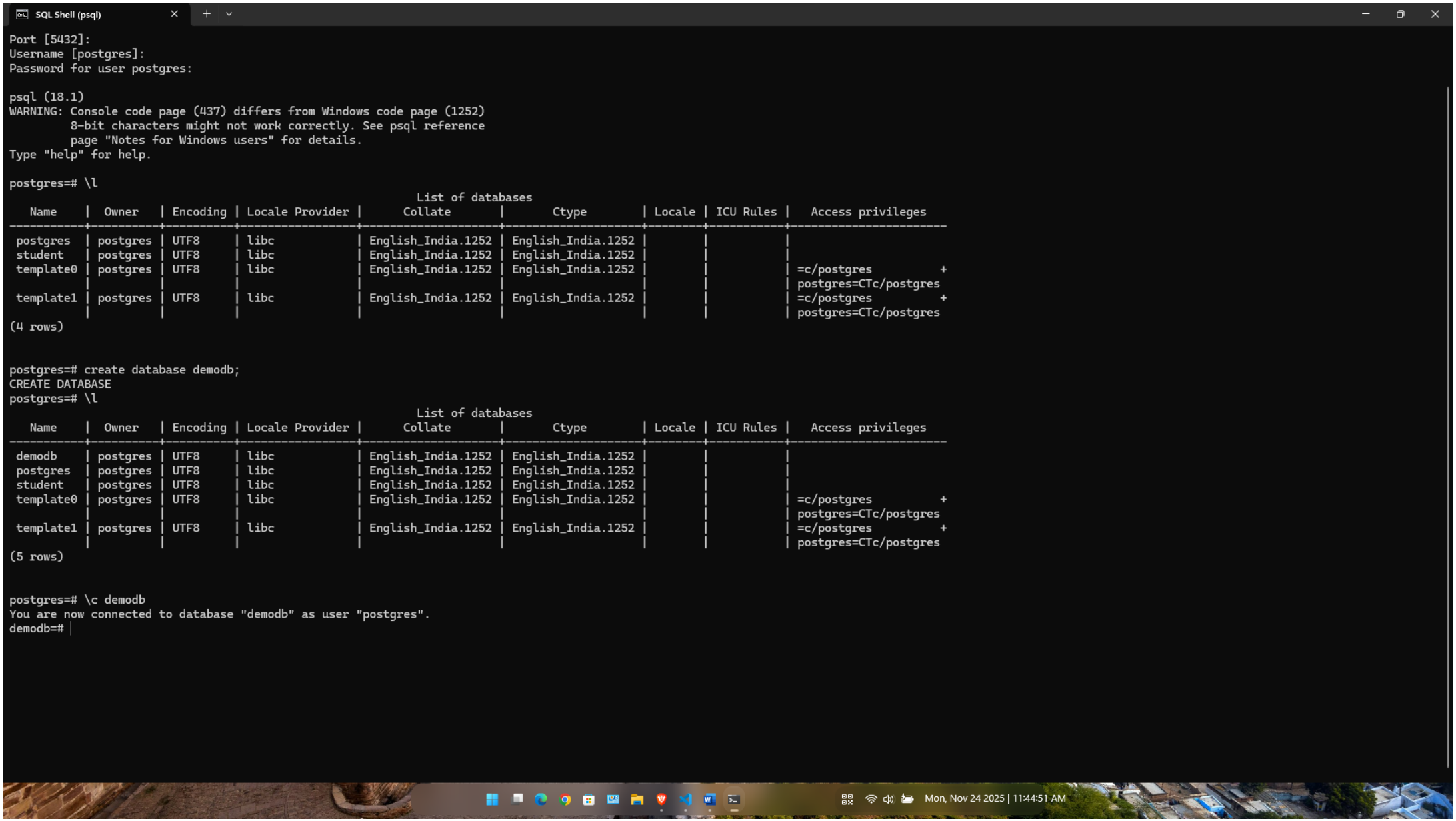
- **Zip the folder** containing all your practical screenshots, **or**
- **Prepare a PDF** containing all the screenshots and code.

Ensure **the screenshots are organized clearly and in the correct order** according to the sequence of lectures and practicals. Lastly, upload it to drive and then submit the **accessible** link (**make sure to enable sharing access**).

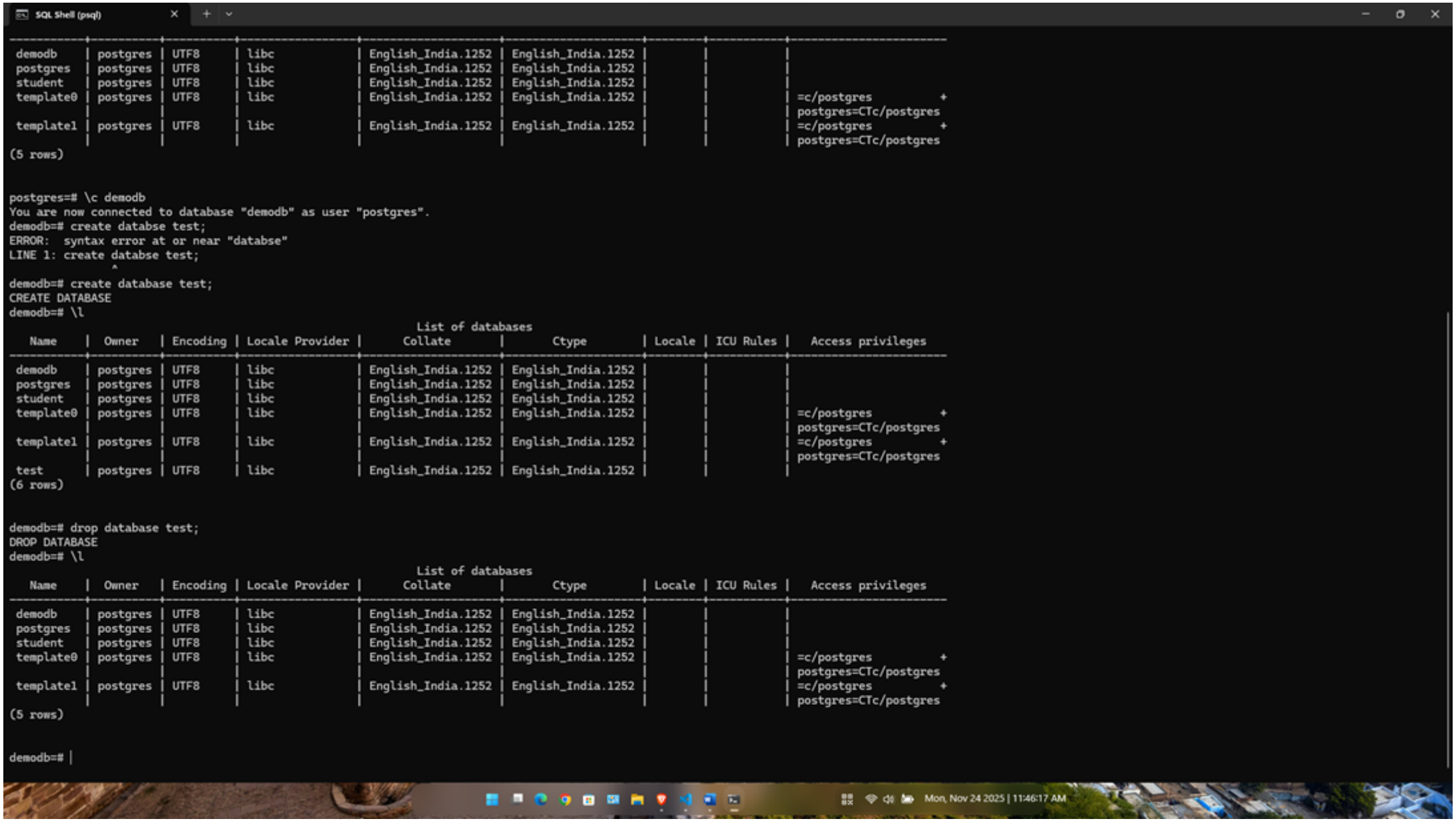
1. Installed PostgreSQL



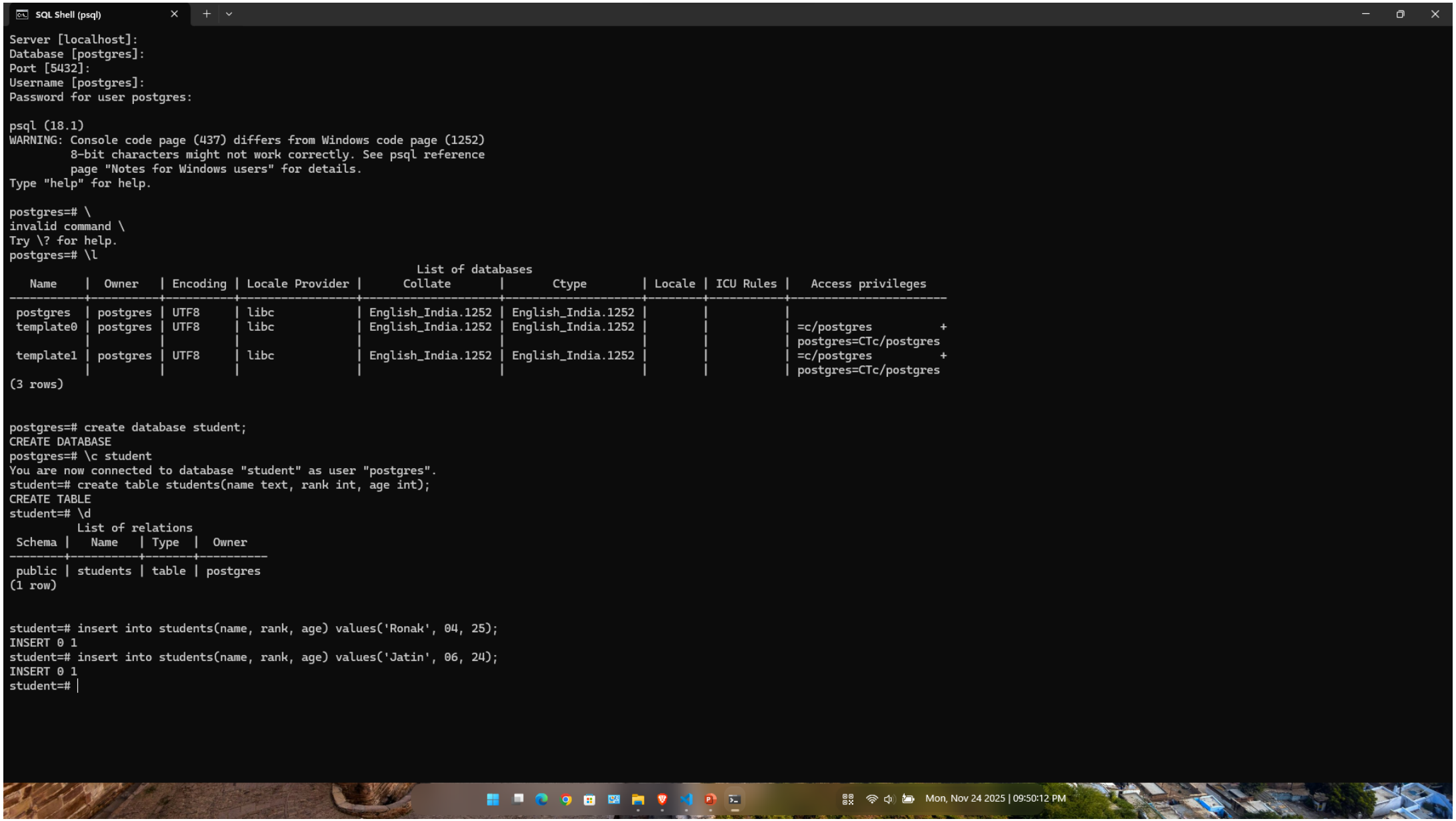
2. Creating a database



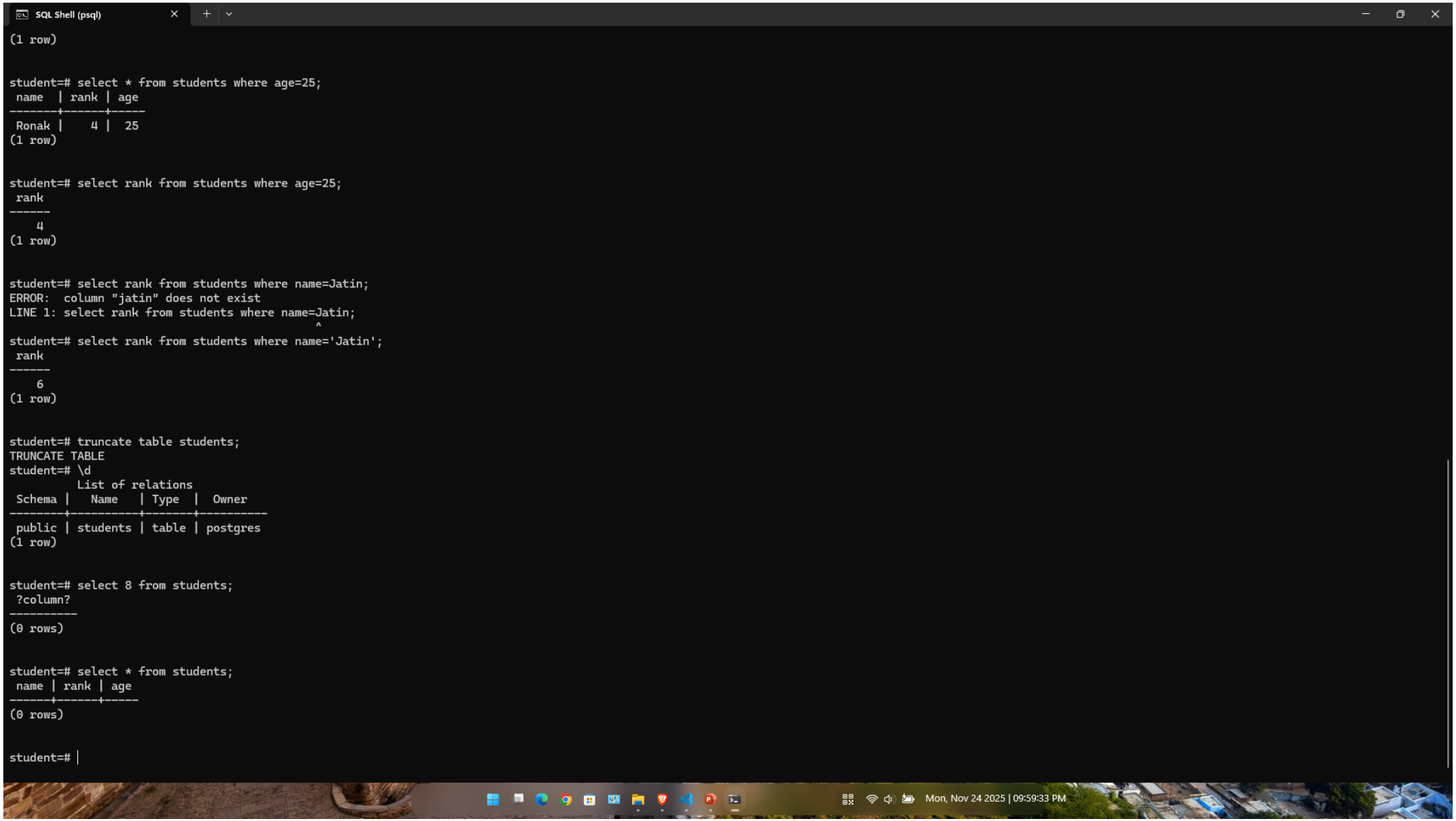
3. Deleting a database



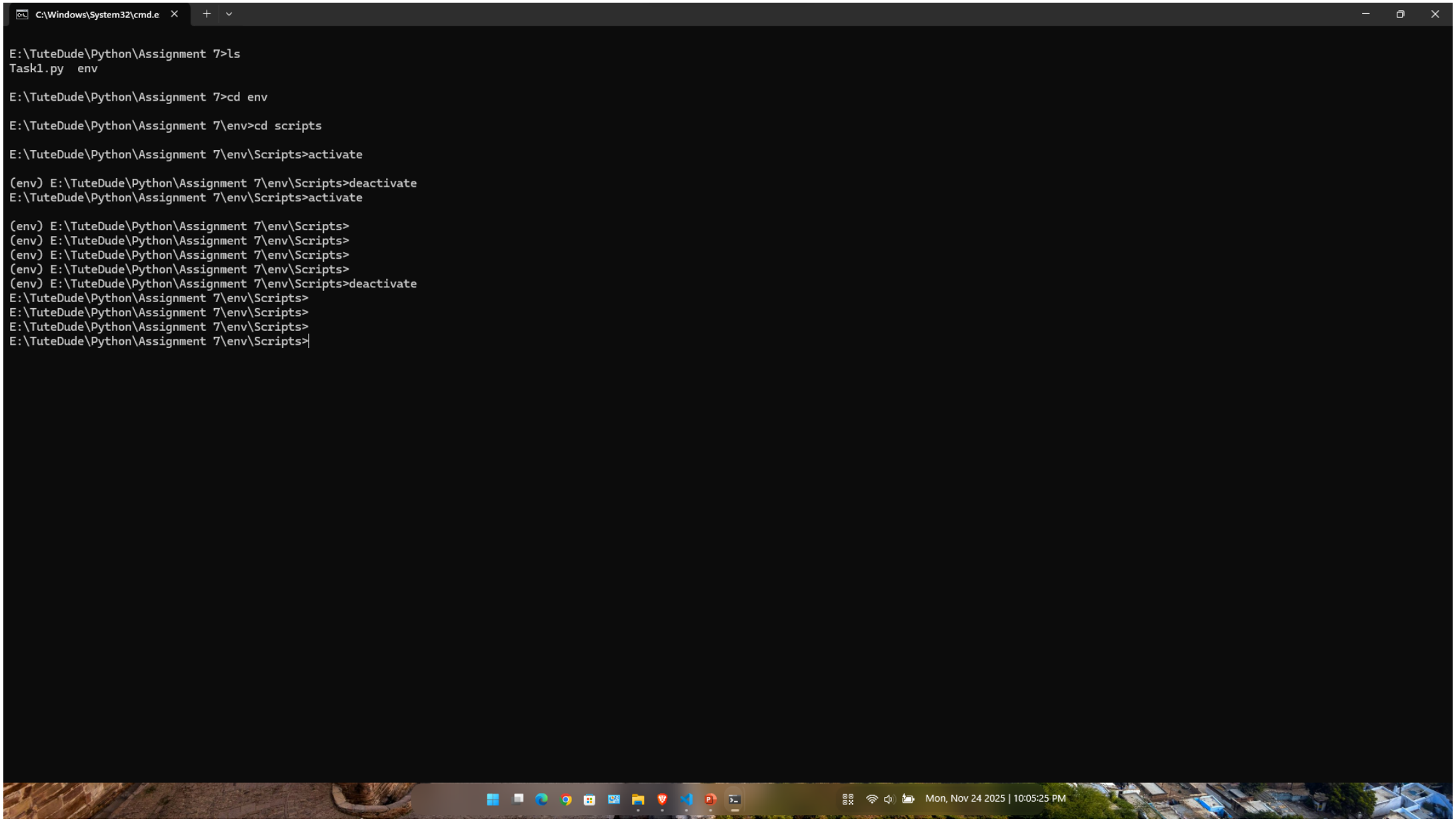
4. Creating table and adding data



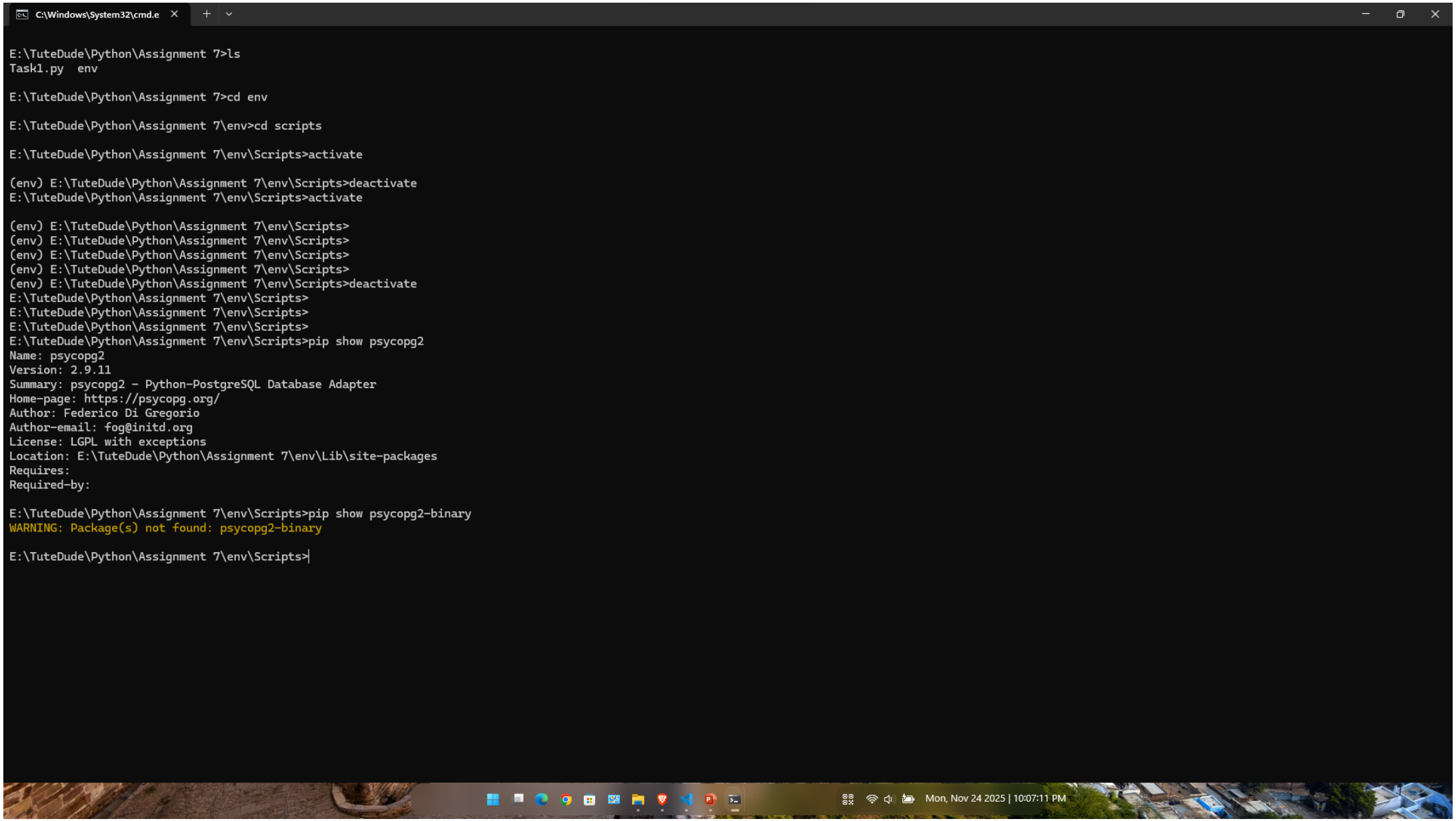
5. Retrieving data from database and deleting contents in he table



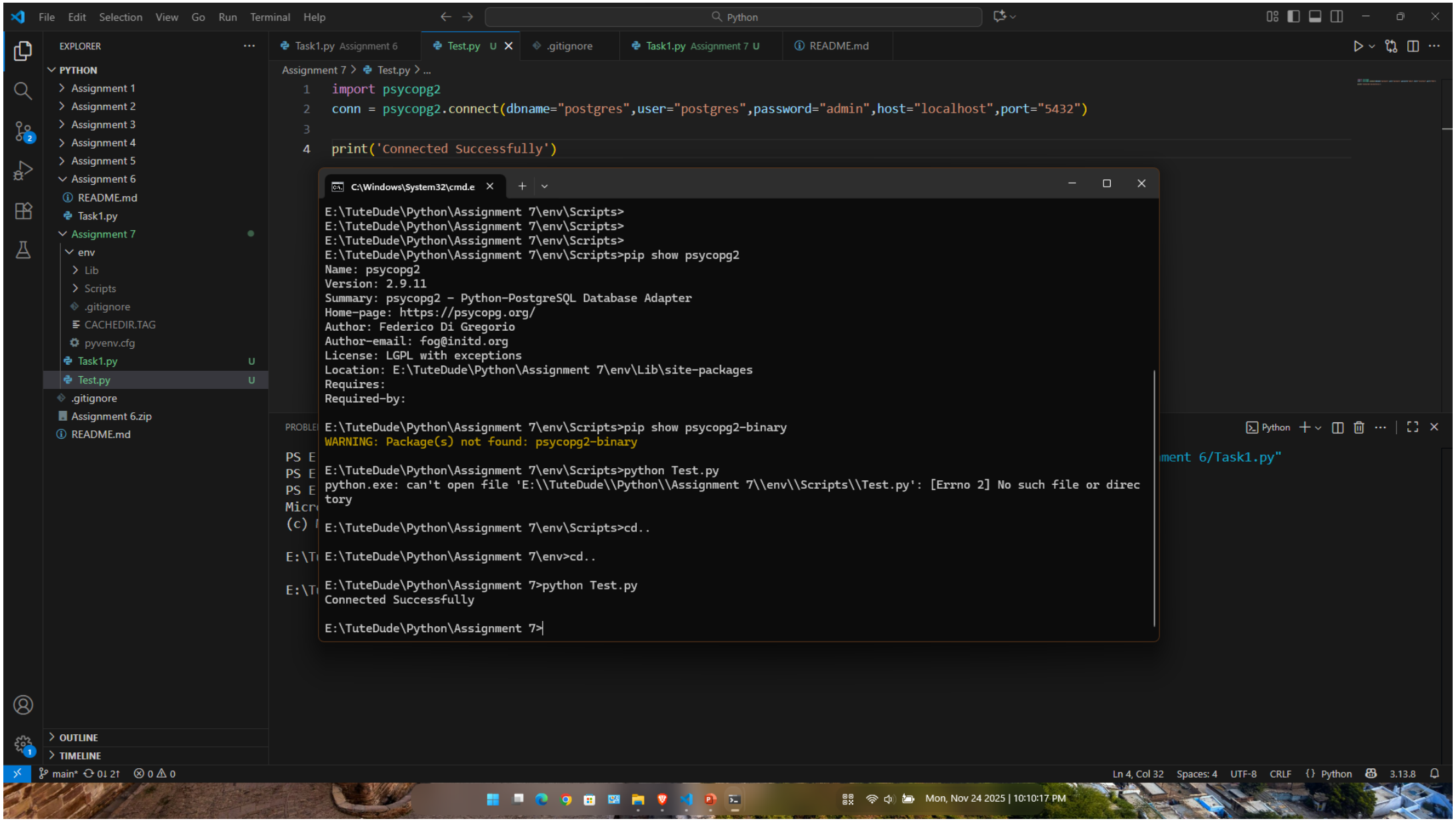
6. Virtual Environment Setup



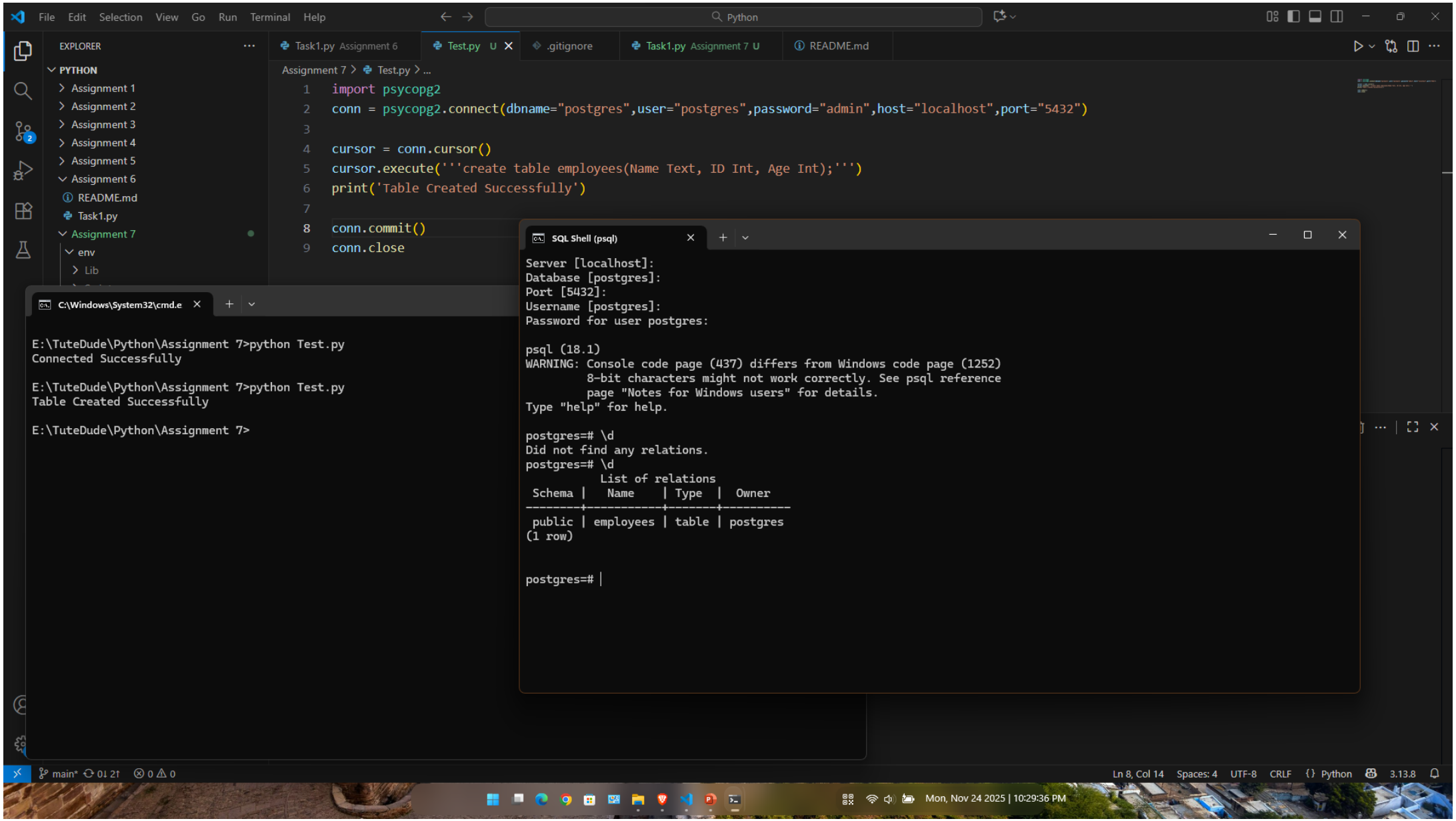
7. Installing psycopg2



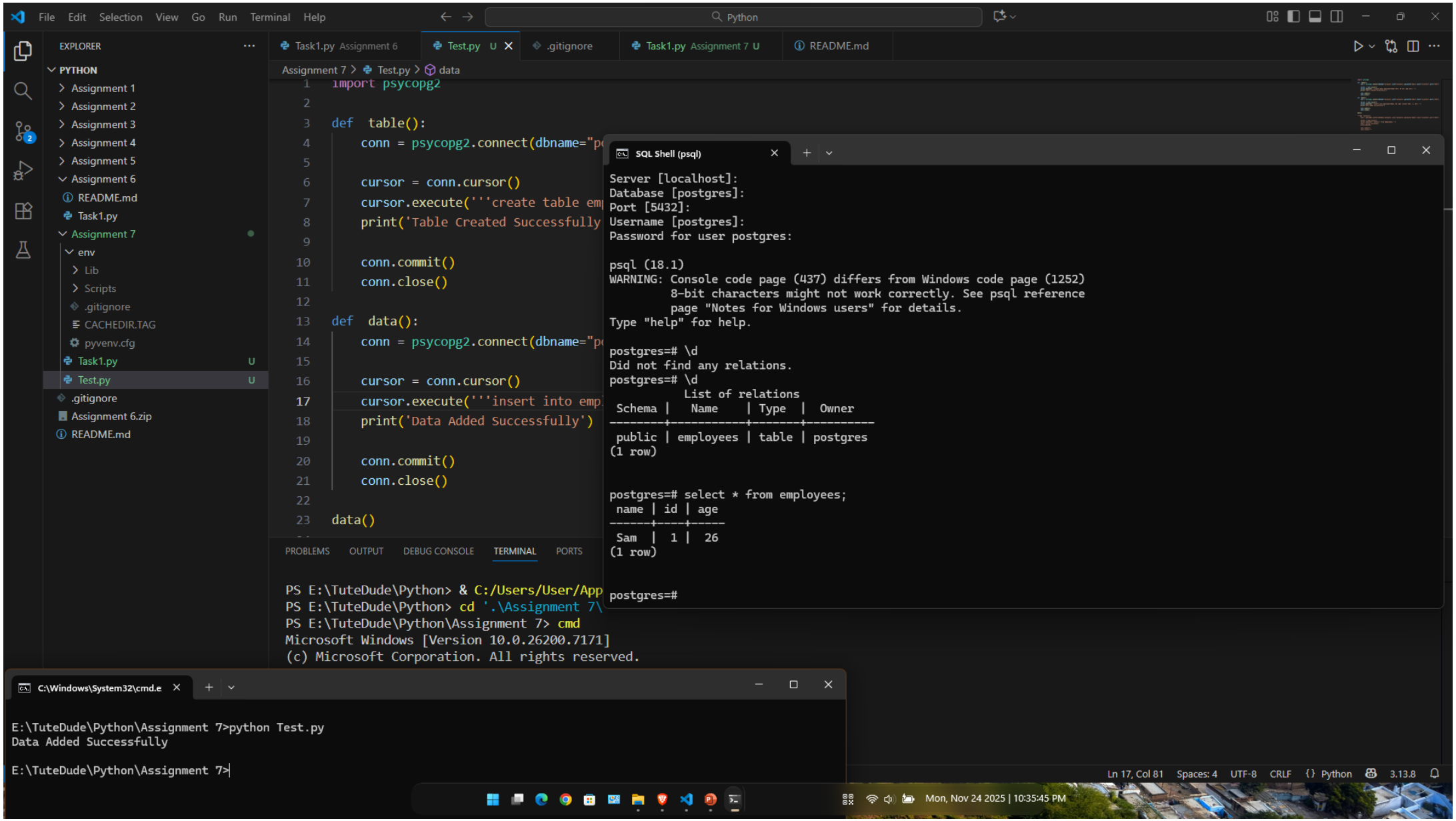
8. Connecting to database



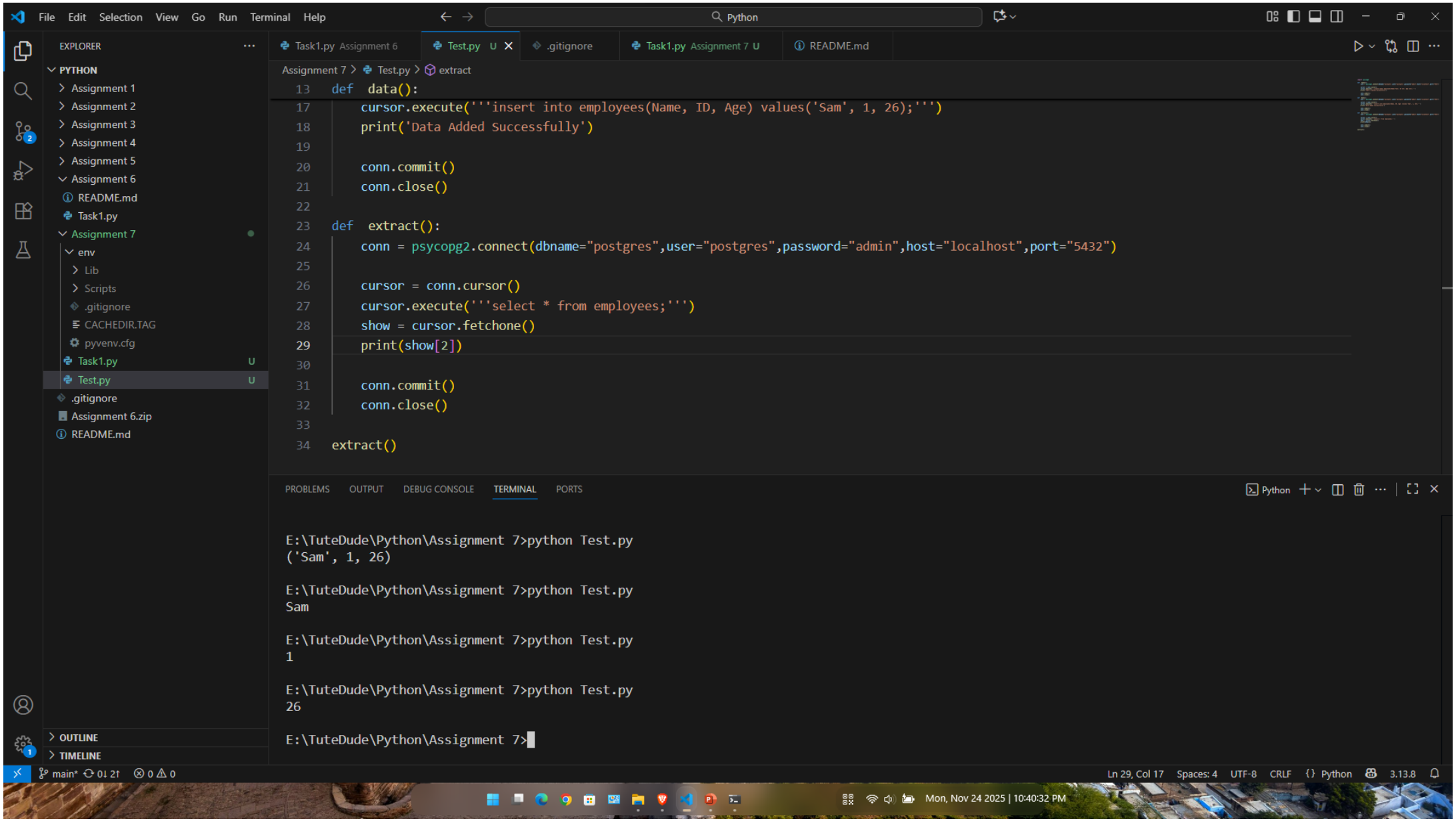
9. Creating table using Python



10. Inserting the data using Python



11. Extracting the data from database



12. Adding the input from user