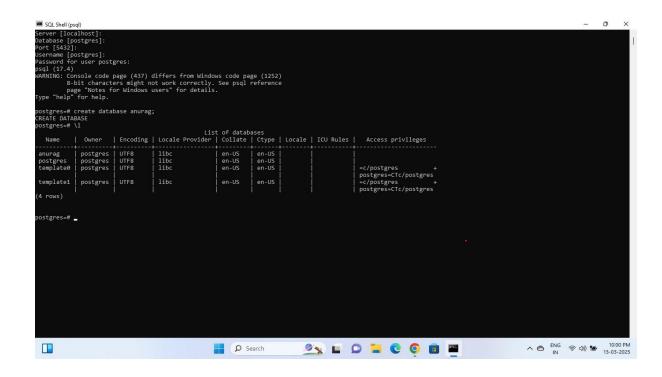
1 Creating database- create database anurag;



2. Connect to database-\c anurag

```
Server [localhost]:

Observer [localhost]:

Detablase [postgres]:

Username [lostgres]:

Server (localhost):

Detablase [postgres]:

Server (localhost):

Desamond For user (localhost):

Server (localhost):

Desamond For user (localhost):

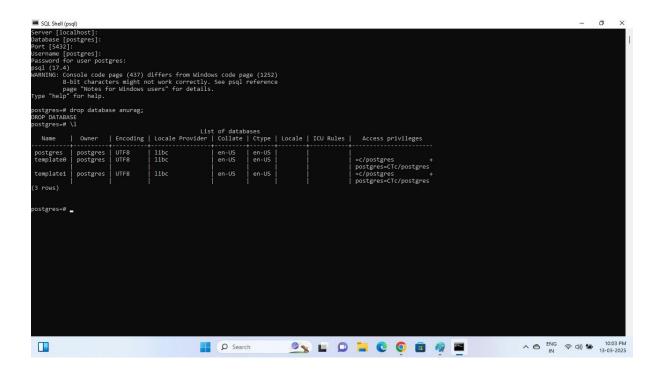
Server (localhost):

Desamond For user (localhost):

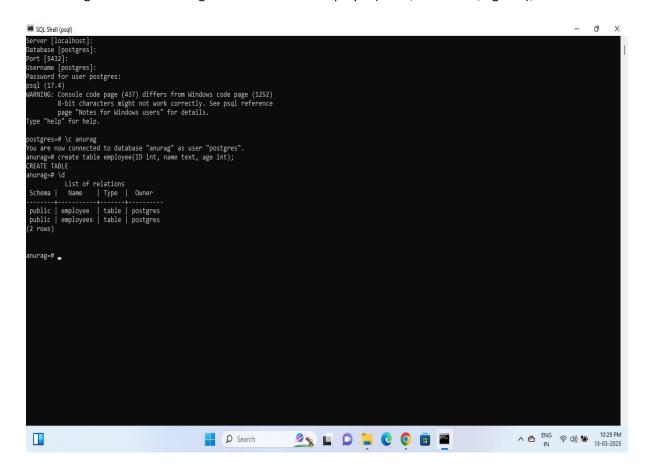
Server (localhost):

S
```

3. Deleting database- drop database anurag;



4. Creating table and inserting data-create table employee(ID int, name text, age int);



5. Adding data to table: insert into employees(ID, name, age) values(1,'Anurag Srivastava',32);

```
## Coloration | Co
```

6. Retrieving Data from table: select \* from employees;

```
Server [localhost]:

Database [postgres]:

Port [st32]:

Wort [st32]:

Worth [st3
```

7. Retrieving Data from table using filter: select name from employees;

```
Secret [localhost]:
Sarabase [postgres]:
Port [S432]:
Username [postgres]:
Post [S432]:
Username [postgres]:
Post [S432]:
Possword for user postgres:
POSI (07-6)

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Type "help" for help.

Postgress# Nr amurage

1 | Anurage "Notes for kindous users" for details.

Type "help" for help.

Postgress# Nr amurage

1 | Anurage privastava | 32
2 | Anurage privastava | 32
3 | Anurage privastava | 35
5 | Neclam srivastava | 35
5 | Neclam srivastava | 35
6 | Ajay | 33
(6 rous)

Anurage #Select name employees;

name

Anurage #Select name from employees;

name

Anurage #Select na
```

8. select \* from employees where ID=4;

```
Server [localhost]:
Database [postpres]:
Pure [1862]:
Pur
```

9. Select age from eployees where name = 'Anurag Srivastava';

```
Server [localnost]:

Outabase [nostgres]:

Port [5432]:

Servine [nostgres]:

Port [6432]:

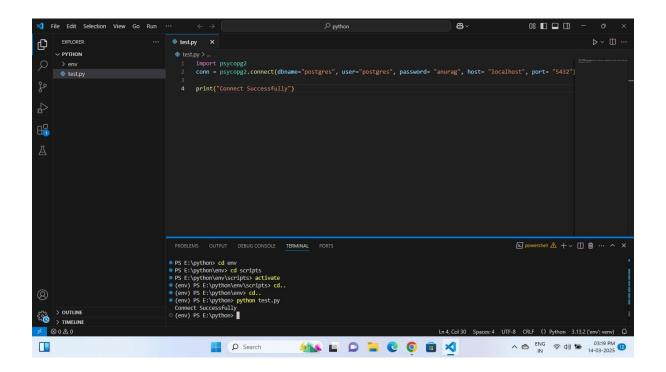
Servine [1432]:

Servine [nostgres]:

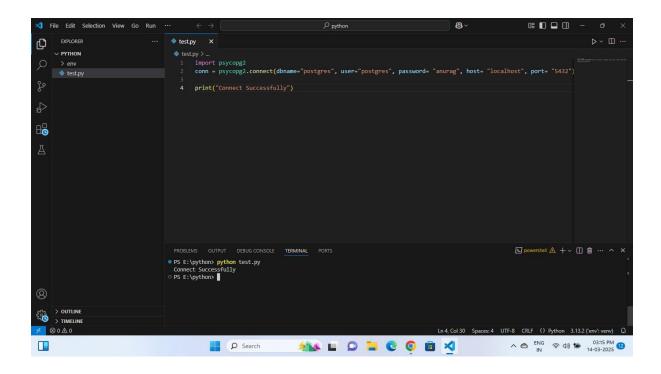
Port [6432]:

Port
```

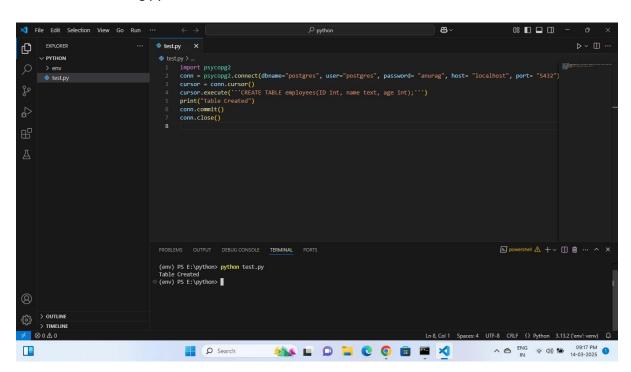
10. Creating Virtual environment



11. Connect to database using psycopg2



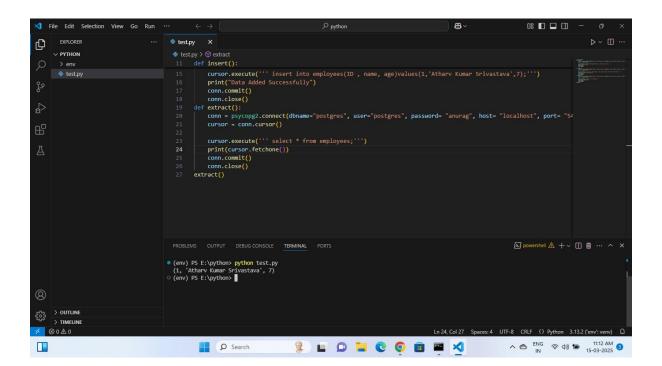
## 12. Create table using python



13. Inserting data using python

```
08 🔳 💷 🖽
    File Edit Selection View Go Run
                                                  test.py ×
0
                                                   test.py > ...
def table():
                                                                cursor.execute('''CREATE TABLE employees(ID int, name text, age int);''')
print("Table Created")
conn.commit()
conn.close()
                                                              conn = psycopg2.connect(dbname="postgres", user="postgres", password= "anurag", host= "localhost", port= "54
cursor = conn.cursor()
                                                          cursor.execute(''' insert into employees(ID , name, age)values(1, 'Atharv Kumar Srivastava',7);''')
print("Data Added Successfully")
conn.commit()
conn.close()
insert()
                                                                                                                                                                                  • (env) PS E:\python> python test.py
Data Added Successfully
• (env) PS E:\python>
> OUTLINE
> TIMELINE
                                                                                                                                                      Ln 19, Col 9 Spaces: 4 UTF-8 CRLF () Python
                                                                                                                                                                                                      3.13.2 ('en
                                                         ₽ Search
```

## 14. Extracting data from database using python



## 15. Inserting data through user using python

