Password for user postgres:

psql (17.5) WARNING: Console code page (437) differs from Windows code page (1252) 8-bit characters might not work correctly. See psql reference page "Notes for Windows users" for details.

Type "help" for help.

postgres=# \l

List of databases

Name	Owner	Encoding	Locale Provider	Collate	Ctype	Locale	ICU Rules	Access privileges
	postgres   postgres 		libc   libc   libc		English_India.1252 English_India.1252			   =c/postgres +   postgres=CTc/postgres
template1	postgres	UTF8	libc	English_India.1252	English_India.1252	i i	i	=c/postgres +   postgres=CTc/postgres

(3 rows)

postgres=# CREATE DATABASE DEMODB;

CREATE DATABASE

postgres=# \L

invalid command \L

Try \? for help.

postgres=# \l

List of databases

Name	Owner	Encoding	Locale Provider	Collate	Ctype	Locale	ICU Rules	Access privileges
demodb postgres	postgres   postgres	UTF8   UTF8	libc   libc		English_India.1252   English_India.1252			
template0	postgres 	UTF8 	libc 	English_India.1252 	English_India.1252 			=c/postgres
template1	postgres 	UTF8 	libc 	English_India.1252 	English_India.1252 			=c/postgres

(4 rows)

postgres=# \c demodb;

You are now connected to database "demodb" as user "postgres".

demodb=#

































page "Notes for Windows users" for details. Type "help" for help.

postgres=# \l

List of databases

Name	Owner	Encoding	Locale Provider	Collate	Ctype	Locale	ICU Rules	Access privileges
demodb postgres	postgres postgres	,   UTF8   UTF8	libc   libc		   English_India.1252   English_India.1252			
template0	postgres	UTF8 	libc 	English_India.1252 	English_India.1252 			=c/postgres   postgres=CTc/postgres
template1	postgres	UTF8	libc 	English_India.1252 	English_India.1252 		 	=c/postgres   postgres=CTc/postgres
(11)		ı	l	l	l	ı	ı	postgres=CTc/pos

(4 rows)

postgres=# create database test;

CREATE DATABASE postgres=# \l

	List of databases							
Name	Owner	Encoding	Locale Provider	Collate	Ctype	Locale	ICU Rules	Access privileges
demodb postgres template0	postgres postgres postgres	UTF8 UTF8 UTF8	libc   libc   libc	English_India.1252 English_India.1252 English_India.1252	English_India.1252 English_India.1252 English_India.1252			=c/postgres +
template1	postgres	   UTF8 	   libc 	   English_India.1252 	   English_India.1252     English India 1252			postgres=CTc/postgres =c/postgres + postgres=CTc/postgres
test	postares	I UTER	Libe	English India 1252	l English India 1252			

(5 rows)

postgres=# drop database test; DROP DATABASE

postgres=# \l

Name	Owner	Encoding	Locale Provider	Collate	Ctype	Locale	ICU Rules	Access privileges
demodb postgres template0	postgres postgres postgres	UTF8 UTF8 UTF8	libc   libc   libc	English_India.1252	English_India.1252 English_India.1252 English_India.1252			=c/postgres +
template1	   postgres 	   UTF8 	   libc 	English_India.1252	English_India.1252			postgres=CTc/postgres   =c/postgres

(4 rows)

postgres=#

































```
Type
 Schema
            Name
                              Owner
public | students | table | postgres
(1 row)
student=# INSERT INTO students (Name, age, number, class) Values ("Ram", 12, 75, 08):
student-# ;
ERROR: syntax error at or near ":"
LINE 1: ...dents (Name, age, number, class) Values ("Ram", 12, 75, 08):
student=# INSERT INTO students (Name, age, number, class) Values ("Ram", 12, 75, 08);
ERROR: column "Ram" does not exist
LINE 1: ... INTO students (Name, age, number, class) Values ("Ram", 12,...
student=# INSERT INTO students (Name, age, number, class) Values ('Ram', 12, 75, 08);
INSERT 0 1
student=# INSERT INTO students (Name, age, number, class) Values ('Lakhan', 15, 65, 05);
INSERT 0 1
student=# \d
          List of relations
 Schema
                     Type
                              Owner
public | students | table | postgres
(1 row)
```

























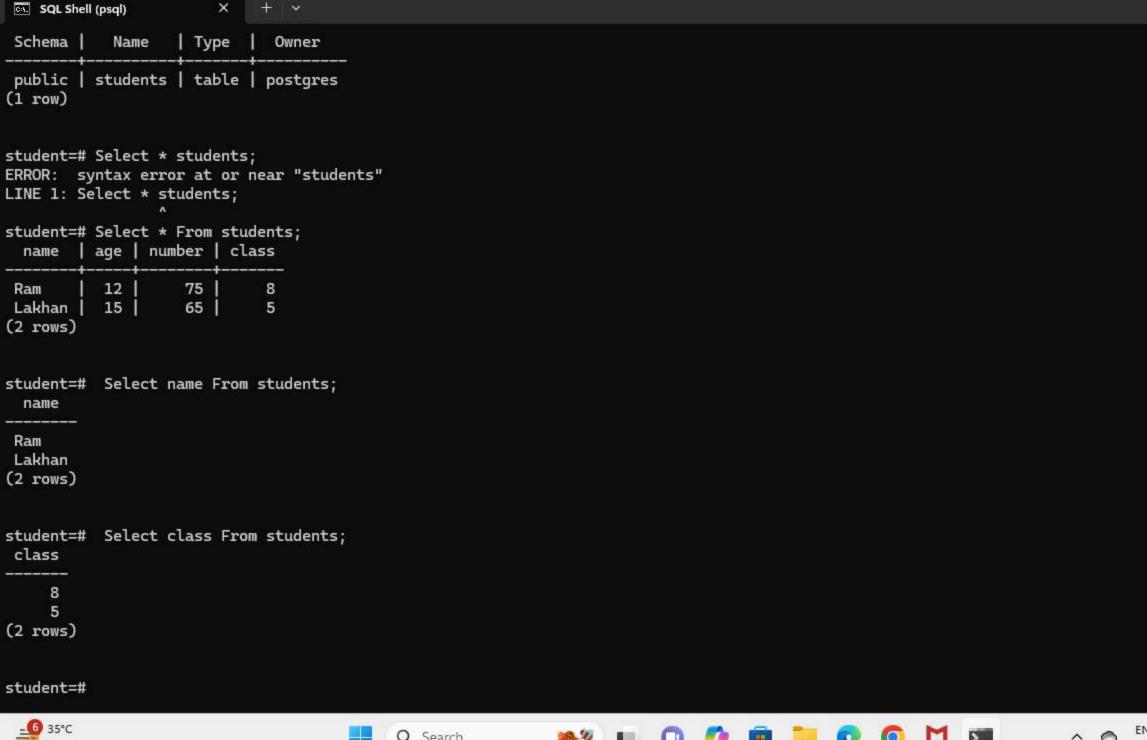








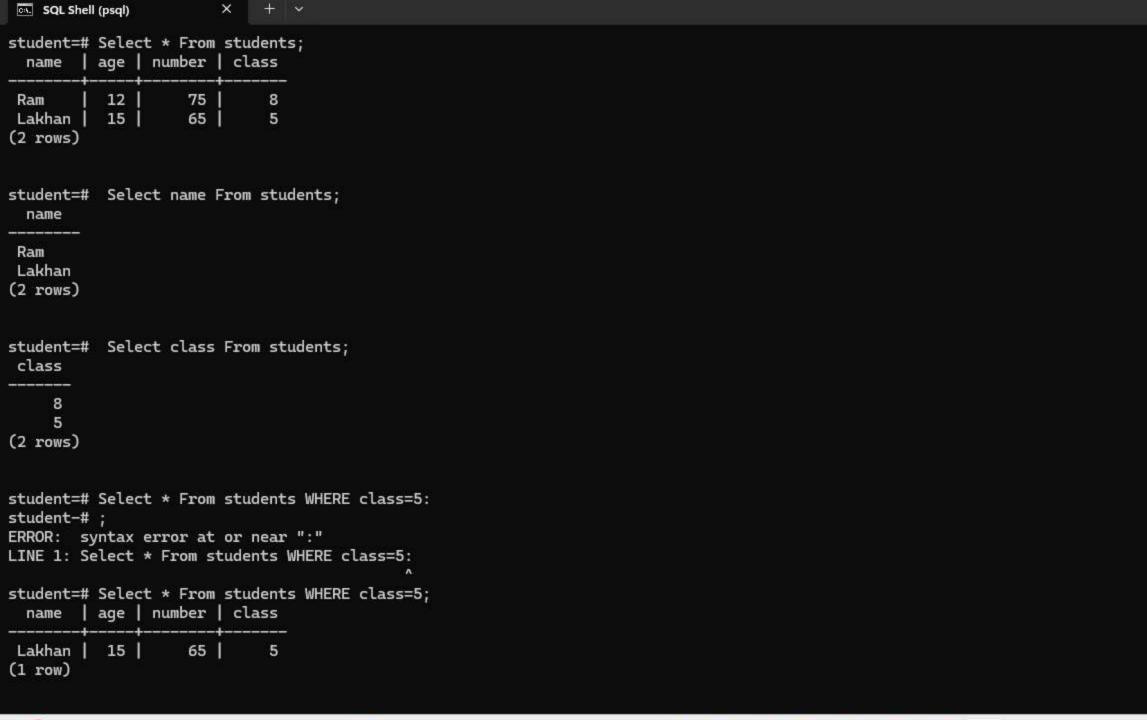
Terd



×

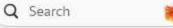
Q Search Haze

₽



























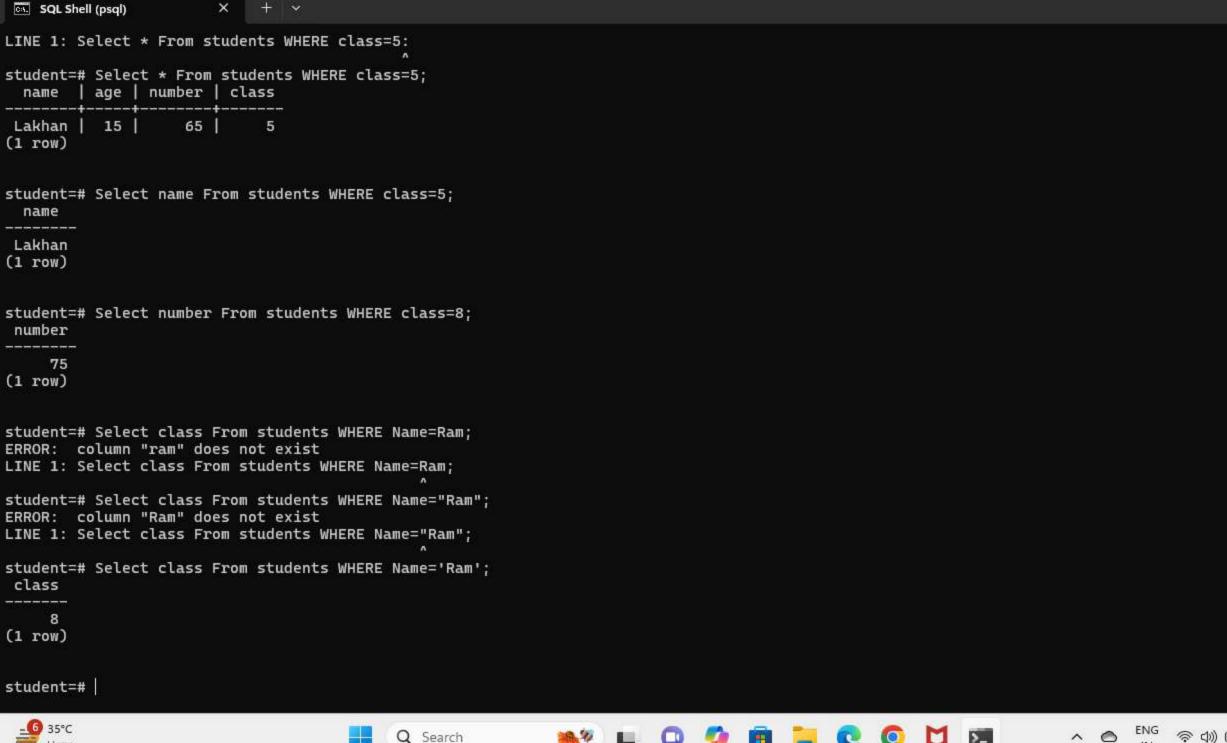






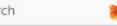








































```
SQL Shell (psql)
number
     75
(1 row)
student=# Select class From students WHERE Name=Ram;
ERROR: column "ram" does not exist
LINE 1: Select class From students WHERE Name=Ram;
student=# Select class From students WHERE Name="Ram";
ERROR: column "Ram" does not exist
LINE 1: Select class From students WHERE Name="Ram";
student=# Select class From students WHERE Name='Ram';
class
     8
(1 row)
student=# TRUNCATE TABLE students
student-# ;
TRUNCATE TABLE
student=# \d
          List of relations
                     Type
 Schema
                              Owner
public | students | table | postgres
(1 row)
student=# select * from students;
name | age | number | class
(0 rows)
student=# .
 -- 6 35°C
                                            Q Search
    Haze
```

C:\Users\shiva\Desktop\Visual studio>pip virtualenv ERROR: unknown command "virtualenv"

C:\Users\shiva\Desktop\Visual studio>pip install virtualenv Collecting virtualenv

Downloading virtualenv-20.31.2-py3-none-any.whl.metadata (4.5 kB)

Collecting distlib<1,>=0.3.7 (from virtualenv)

Downloading distlib-0.3.9-py2.py3-none-any.whl.metadata (5.2 kB)

Collecting filelock<4,>=3.12.2 (from virtualenv)

Downloading filelock-3.18.0-py3-none-any.whl.metadata (2.9 kB)

Collecting platformdirs<5,>=3.9.1 (from virtualenv)

Downloading platformdirs-4.3.8-py3-none-any.whl.metadata (12 kB)

Downloading virtualenv-20.31.2-py3-none-any.whl (6.1 MB)

------ 6.1/6.1 MB **2.7 MB/s eta 0:00:00** 

Downloading distlib-0.3.9-py2.py3-none-any.whl (468 kB)

Downloading filelock-3.18.0-py3-none-any.whl (16 kB)

Downloading platformdirs-4.3.8-py3-none-any.whl (18 kB)

Installing collected packages: distlib, platformdirs, filelock, virtualenv

Successfully installed distlib-0.3.9 filelock-3.18.0 platformdirs-4.3.8 virtualenv-20.31.2

[notice] A new release of pip is available: 24.3.1 -> 25.1.1

[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\shiva\Desktop\Visual studio>virtualenv env

created virtual environment CPython3.13.2.final.0-64 in 19153ms

creator CPython3Windows(dest=C:\Users\shiva\Desktop\Visual studio\env, clear=False, no\_vcs\_ignore=False, global=False) seeder FromAppData(download=False, pip=bundle, via=copy, app\_data\_dir=C:\Users\shiva\AppData\Local\pypa\virtualenv)

added seed packages: pip==25.1.1

activators BashActivator, BatchActivator, FishActivator, NushellActivator, PowerShellActivator, PythonActivator

C:\Users\shiva\Desktop\Visual studio>

C:\Users\shiva\Desktop\Visual studio>cd env































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C:\Users\shiva>cd desktop

C:\Users\shiva\Desktop>cd visual studio

C:\Users\shiva\Desktop\Visual studio>cd env

C:\Users\shiva\Desktop\Visual studio\env>cd scripts

C:\Users\shiva\Desktop\Visual studio\env\Scripts>activate

(env) C:\Users\shiva\Desktop\Visual studio\env\Scripts>cd..

(env) C:\Users\shiva\Desktop\Visual studio\env>cd..

(env) C:\Users\shiva\Desktop\Visual studio>python test.py Python

(env) C:\Users\shiva\Desktop\Visual studio>deactivate C:\Users\shiva\Desktop\Visual studio>































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C:\Users\shiva>cd desktop

C:\Users\shiva\Desktop>cd visual studio

C:\Users\shiva\Desktop\Visual studio>cd env

C:\Users\shiva\Desktop\Visual studio\env>cd scripts

C:\Users\shiva\Desktop\Visual studio\env\Scripts>activate

(env) C:\Users\shiva\Desktop\Visual studio\env\Scripts>cd..

(env) C:\Users\shiva\Desktop\Visual studio\env>cd..

(env) C:\Users\shiva\Desktop\Visual studio>python test.py Python

(env) C:\Users\shiva\Desktop\Visual studio>deactivate C:\Users\shiva\Desktop\Visual studio>cd env

C:\Users\shiva\Desktop\Visual studio\env>cd scripts

C:\Users\shiva\Desktop\Visual studio\env\Scripts>activate

(env) C:\Users\shiva\Desktop\Visual studio\env\Scripts>

















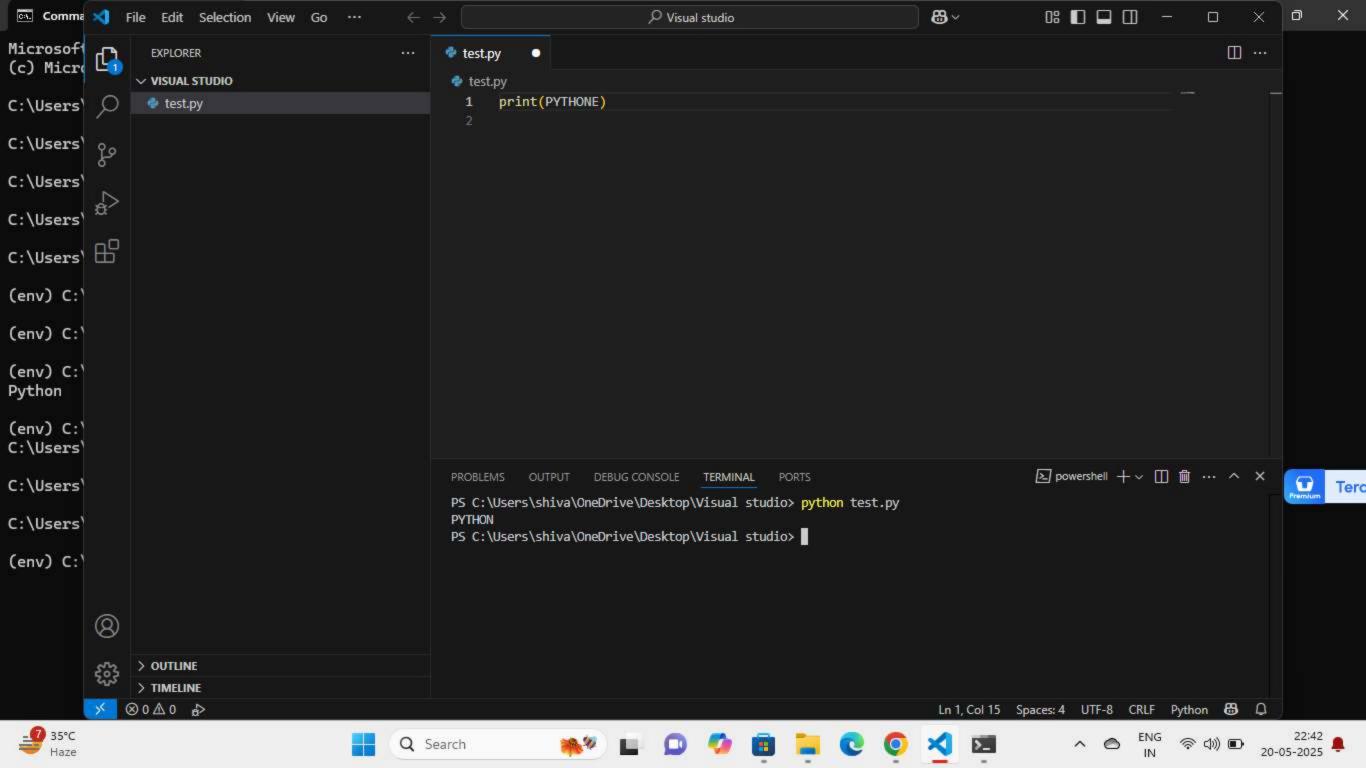














Installing collected packages: psycopg2 Successfully installed psycopg2-2.9.10

(env) C:\Users\shiva\Desktop\Visual studio>























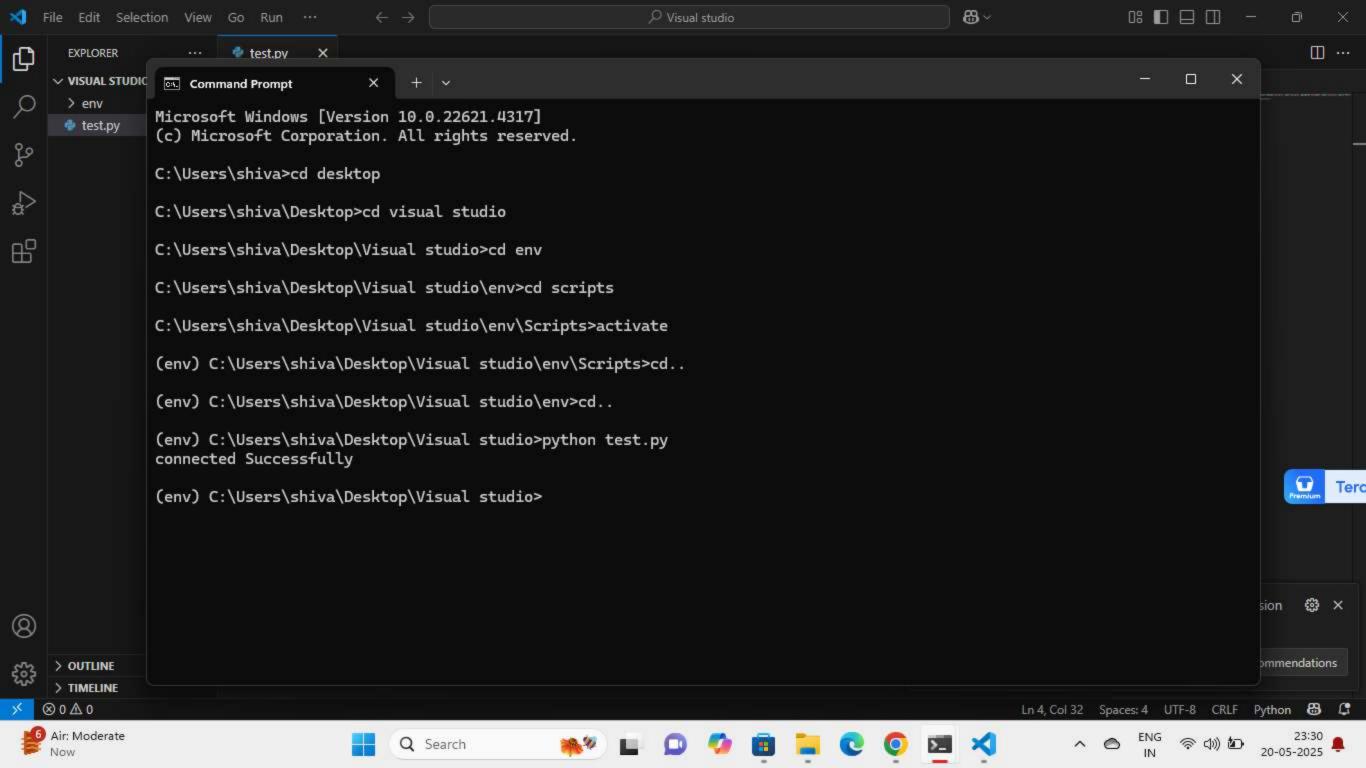


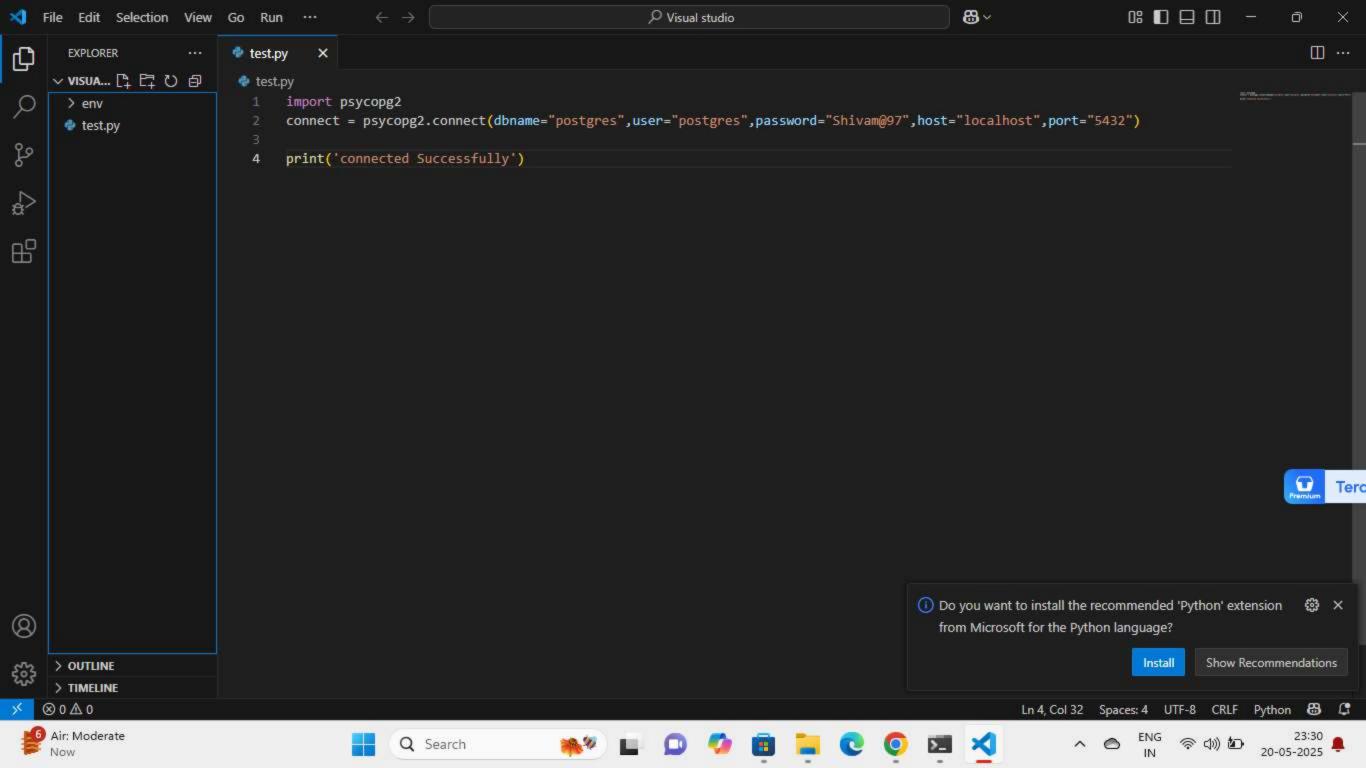


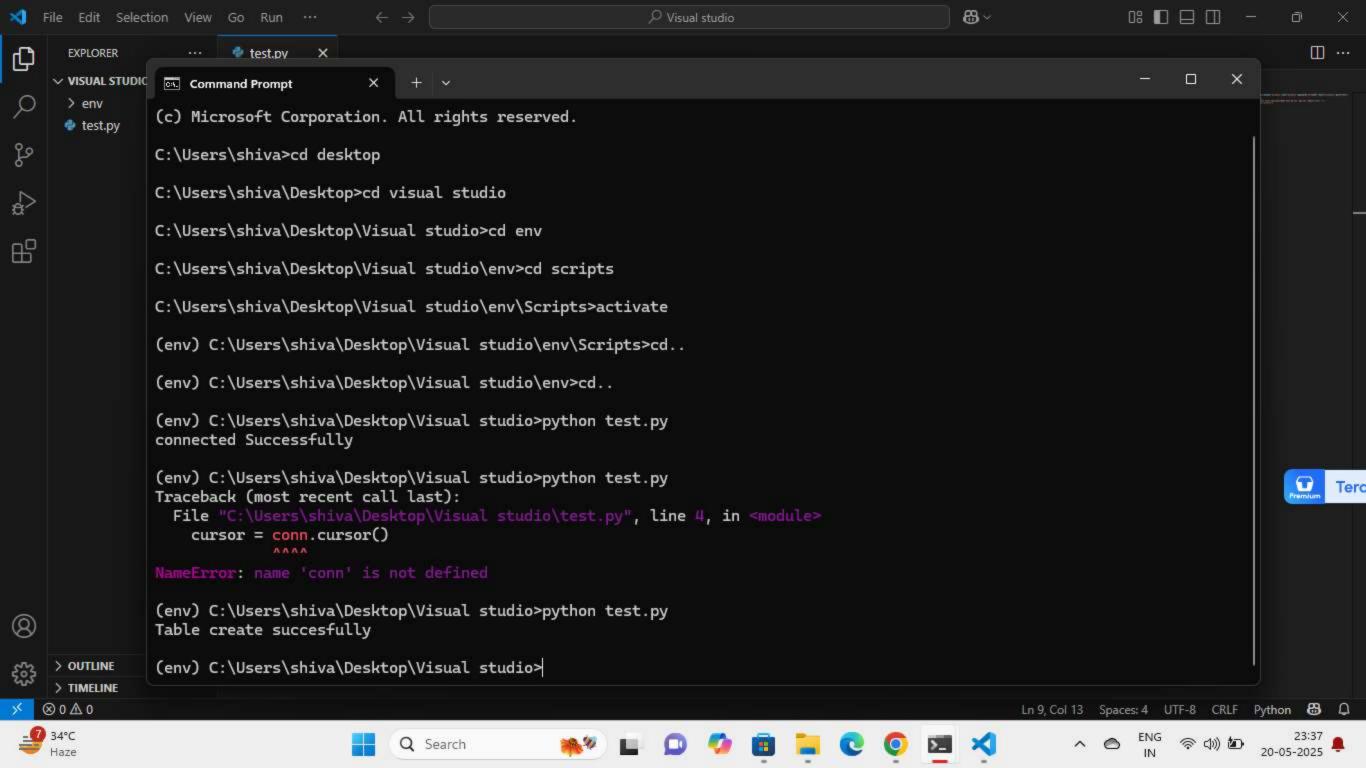


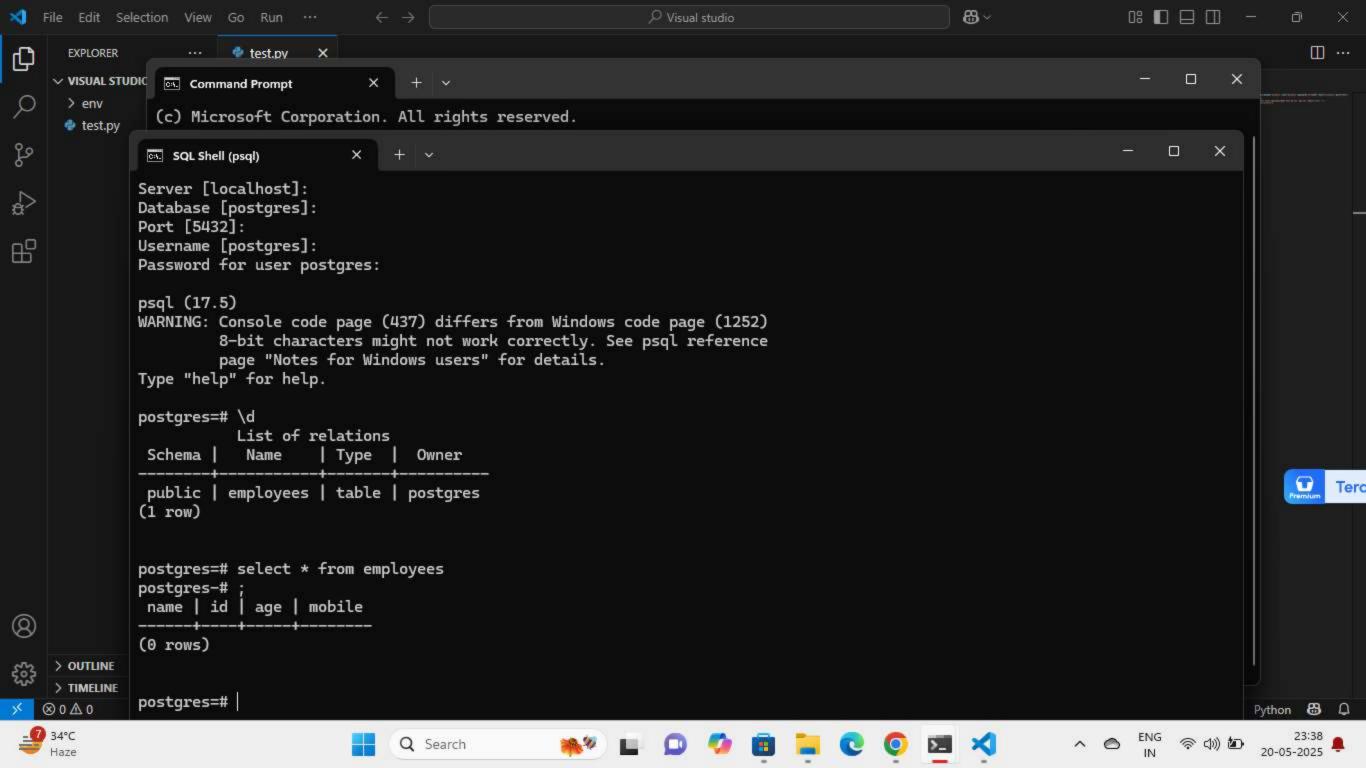


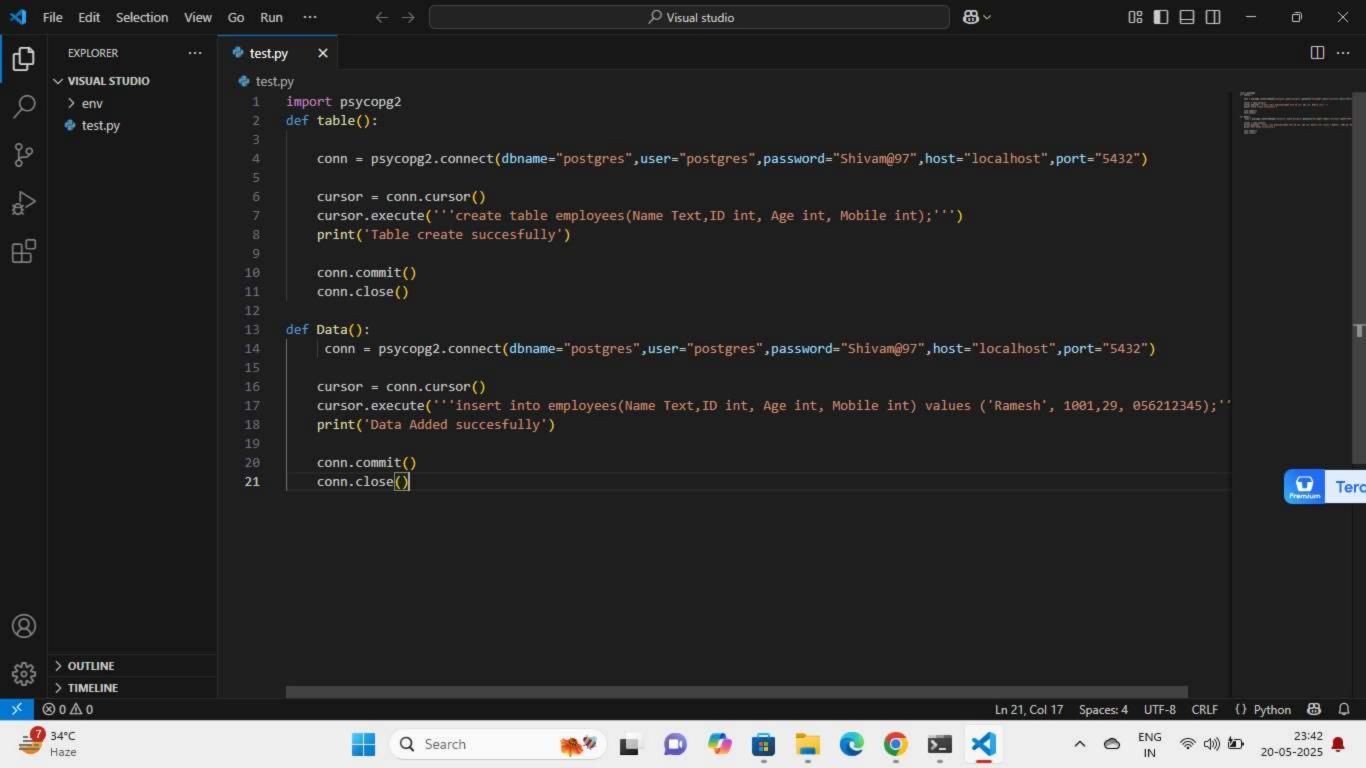


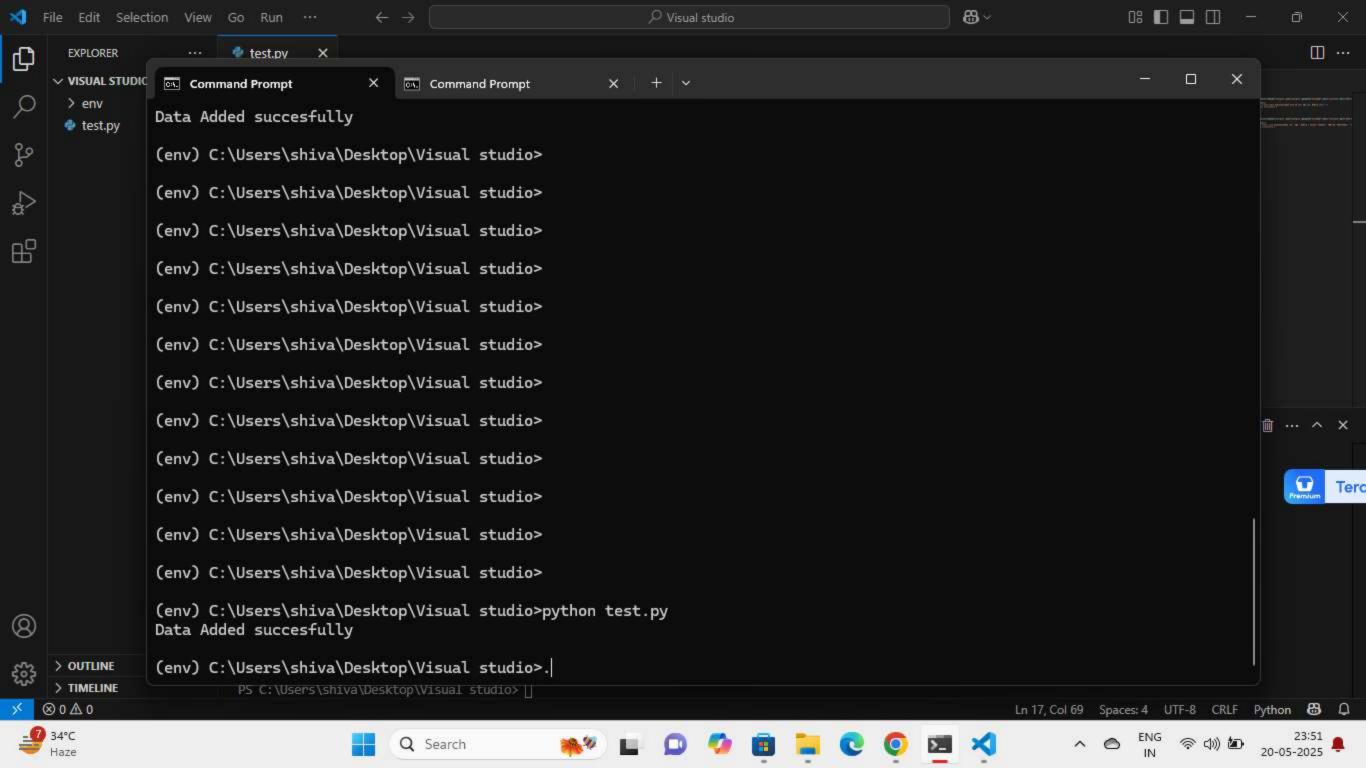


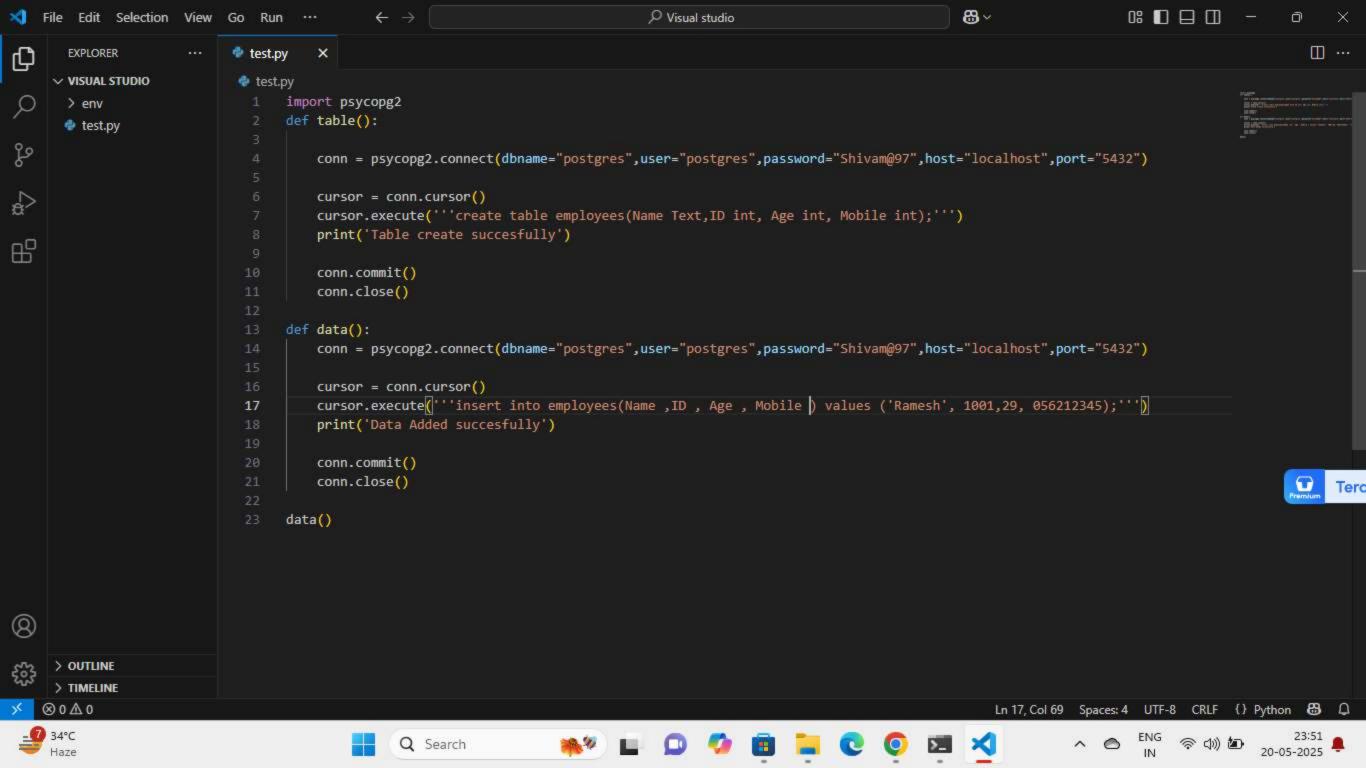












```
LINE 2: ;
postgres=# TRUNCATE TABLE employees
postgres-# ;
TRUNCATE TABLE
postgres=# \l
                                                            List of databases
                       Encoding | Locale Provider |
             Owner
                                                          Collate
                                                                                              | Locale | ICU Rules |
                                                                                                                      Access privileges
  Name
                                                                                Ctype
                                   libc
                                                     English_India.1252
                                                                          English_India.1252
                       UTF8
postgres
            postgres
                                   libc
                                                                          English_India.1252
student
                       UTF8
                                                     English_India.1252
            postgres
                                   libc
                                                     English_India.1252
                                                                          English_India.1252
template0
            postgres
                       UTF8
                                                                                                                     =c/postgres
                                                                                                                     postgres=CTc/postgres
                                   libc
                                                                          English_India.1252
template1
            postgres
                       UTF8
                                                     English_India.1252
                                                                                                                    =c/postgres
                                                                                                                     postgres=CTc/postgres
(4 rows)
postgres=# \d
          List of relations
                     Type
           Name
                               Owner
Schema
public |
         employees | table | postgres
(1 row)
postgres=# select * from employees
postgres-#
          id
               age |
                       mobile
 name
Ramesh
         1001
                      56212345
(1 row)
postgres=#
```



SQL Shell (psql)

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