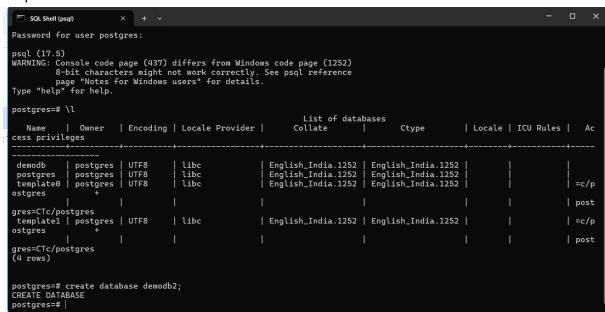
Assignment 7

Creating a Database:

Code:

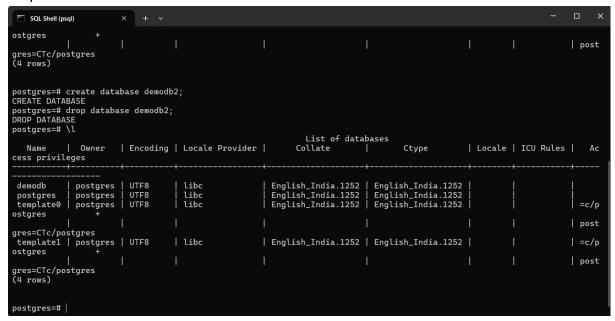
Create database demodb2;



Deleting a Database:

Code:

Drop database demodb2;



Creating Table and adding data:

Code:

create table employees(id int,name text,salary int); Insert into employees(id,name,salary) value (101,'ohm',35000);

Retrieving data from database and deleting contents in the table

Code:

Select * from employees;

Truncate employees;

Connecting to the database:

```
Code:
import psycopg2
conn =
psycopg2.connect(dbname="postgres",user="postgres",password="12345",host="localhost",
port="5433")

cursor = conn.cursor()
print("Connected successfully")
```

conn.commit()
conn.close()

Creating table using python:

```
Code:
import psycopg2
conn =
psycopg2.connect(dbname="demodb2",user="postgres",password="12345",host="localhost"
,port="5433")

cursor = conn.cursor()
cursor.execute("'create table employee(id int,name text,phone int);"')
print("Table created successfully")

conn.commit()
conn.close()
```

```
Command Prompt X + V - - - X

(env) C:\Users\Ohm Ramwala\Desktop\vscode>python test.py
Table created successfully

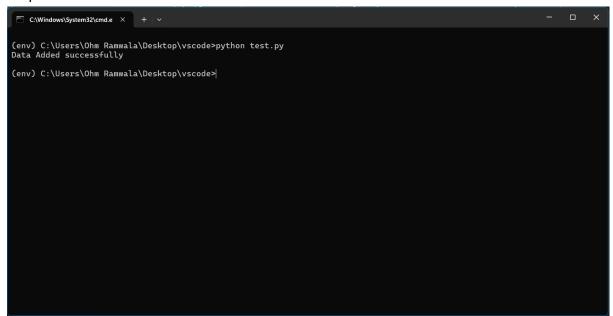
(env) C:\Users\Ohm Ramwala\Desktop\vscode>
```

Inserting the data using python:

```
Code:
import psycopg2
conn =
psycopg2.connect(dbname="demodb2",user="postgres",password="12345",host="localhost",port="5433")

cursor = conn.cursor()
cursor.execute("insert into employe(id,name,phone) values(10,'Jay',94280);")
print("Data Added successfully")
```

conn.commit()
conn.close()



Extracting the data from the database:

```
Code:

def extract():
    conn =
    psycopg2.connect(dbname="demodb2",user="postgres",password="12345",host="localhost",port="5433")

    cursor = conn.cursor()
    cursor.execute("'select name from employe"')
    show = cursor.fetchone()
    print(show[0])
    # print("Data added successfully")

conn.commit()
    conn.close()
```

```
C:\Users\Ohm Ramwala\Desktop\vscode>python test.py

Jay

(env) C:\Users\Ohm Ramwala\Desktop\vscode>
```

Adding the input from the user:

```
Code:

def data():
    conn =

psycopg2.connect(dbname="demodb2",user="postgres",password="12345",host="localhost",port="5433")

cursor = conn.cursor()

name=input("Please enter your name:")
    id=int(input("Enter your Id:"))
    phone=int(input("Enter your phone:"))

query = ""insert into employe(id,name,phone) values (%s,%s,%s)""

cursor.execute(query,(id,name,phone))
    print("Data added successfully")

conn.commit()
    conn.commit()
    conn.close()
```

```
C\Windows\System32\cmd e \times + \v - \cap \times \

(env) C:\Users\Ohm Ramwala\Desktop\vscode>python test.py
Please enter your name:0hm
Enter your Id:12
Enter your phone:94285
Data added successfully

(env) C:\Users\Ohm Ramwala\Desktop\vscode>
```