

```
SQL Shell (psql)
Server [localhost]:
Database [postgres]:
Port [5433]:
Username [postgres]:
Password for user postgres:
psql (18.1)
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 | Ac
cess privileges
-----+-----+-----+-----+-----+-----+-----+-----+-----+
demodb  | postgres | UTF8    | libc          | English_India.1252 | English_India.1252 |        |          | 
postgres | postgres | UTF8    | libc          | English_India.1252 | English_India.1252 |        |          | 
student  | postgres | UTF8    | libc          | English_India.1252 | English_India.1252 |        |          | 
template0 | postgres | UTF8    | libc          | English_India.1252 | English_India.1252 |        |          | =c/p
postgres  +          |           |           |           |           |           |           |           |
gres=CTc/postgres
template1 | postgres | UTF8    | libc          | English_India.1252 | English_India.1252 |        |          | =c/p
postgres  +          |           |           |           |           |           |           |           |
gres=CTc/postgres
test     | postgres | UTF8    | libc          | English_India.1252 | English_India.1252 |        |          | post
```

```
SQL Shell (psql)
postgres=# \d
      List of relations
 Schema |   Name   | Type  | Owner
-----+----------+-----+-----
 public | employee | table | postgres
(1 row)

postgres=# select * from employee
postgres# select * from employee
postgres# \d
      List of relations
 Schema |   Name   | Type  | Owner
-----+-----+-----+
 public | employee | table | postgres
(1 row)

postgres# select * from employee
postgres# select * from employee;
ERROR:  syntax error at or near "cd"
LINE 1: cd postgres
          ^
postgres# select * from employee;
     name  | id | age
-----+-----+
 John Doe |  1 |  30
(1 row)
```

```
test.py > extract
1 import psycopg2
2 def table():
3     connect = psycopg2.connect(dbname="postgres", user="postgres", password="123", host="localhost", port="5432")
4
5     cursor = connect.cursor()
6     cursor.execute(''create table employee(Name TEXT, ID INT, Age INT);''')
7     print("Table created successfully")
8
9     connect.commit()
10    connect.close()
11
12 def data():
13     connect = psycopg2.connect(dbname="postgres", user="postgres", password="123", host="localhost", port="5432")
14
15     cursor = connect.cursor()
16     name= input("Enter Name: ")
17
18 ~~~~~^~
[('John Doe', 1, 30), ('Dhruvil', 12563, 25), ('Raj', 147, 20), ('ABC', 123, 26)]
PS D:\Private\New folder (3)> & "D:/Private/New folder (3)/env/Scripts/python.exe" "d:/Private/New folder (3)/test.py"
● Enter Name: asddf
● Enter Age: 24
Enter ID: 123
Data inserted successfully
[('John Doe', 1, 30), ('Dhruvil', 12563, 25), ('Raj', 147, 20), ('ABC', 123, 26), ('asddf', 123, 24)]
PS D:\Private\New folder (3)> & "D:/Private/New folder (3)/env/Scripts/python.exe" "d:/Private/New folder (3)/test.py"
● Enter Name: New123
Enter Age: 25
Enter ID: 125
Data inserted successfully
[('John Doe', 1, 30), ('Dhruvil', 12563, 25), ('Raj', 147, 20), ('ABC', 123, 26), ('asddf', 123, 24), ('New123', 125, 25)]
PS D:\Private\New folder (3)> 
```