* Server [localhost]: **---just enter---**
* Database [postgres]: **---just enter---**
* Port [5432]: **---just enter---**
* Username [postgres]: **---just enter---**
* Password for user postgres: **---type password---**

Response :

psql (16.2)

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=# select version(); **---to check version---**

Response :

version

------------------------------------------------------------

PostgreSQL 16.2, compiled by Visual C++ build 1937, 64-bit

(1 row)

* postgres=# \l **---shows the database that already there---**

List of databases

Name | Owner | Encoding | Locale Provider | Collate | Ctype | ICU Locale | ICU Rules | Access privileges

-----------+----------+----------+-----------------+--------------------+--------------------+------------+-----------+-----------------------

* postgres=# create database sql\_demo; **---create database---**

response :

CREATE DATABASE

* postgres=# \c sql\_demo; **---connect to database---**

Response :

You are now connected to database "sql\_demo" as user "postgres".

**Connect PostgresSql using pg-admin**

In pg-admin go to your database 🡪right click 🡪select query tool 🡪 type query 🡪 type query & select query & execute or f5 press it.

* select version(); **---to check version---**
* select 5\*3; **---basic operation---**

Same query can be run on psql

**Now in psql shell** :

* sql\_demo=# create table movies(movie\_id int, movie\_name varchar(40), movie\_gener varchar(30), imdb\_rating real); **---create table---**

Response :

CREATE TABLE  
  
You can cross-verify in pg-admin , refresh database 🡪 select schemas 🡪 tables.

**Table creation in pg-admin :**

* select schemas 🡪tables 🡪 right click 🡪 select tables 🡪 in general just table name rest default 🡪 columns 🡪 plus sign add column name , data type, to not to have any null values check ‘not null’, check primary key for unique values 🡪 save
* Query :

select \* from movies **---Display whole table---**

**To Drop/Delete any tables :**

Query :

drop table movies; **---delete the table---**