

# 1. Creating Database & dropping Using SQL Shell

```
SQL Shell (psql)
Type "help" for help.

postgres=# \l

```

Name	Owner	Encoding	Collate	Ctype	Access privileges
postgres	postgres	UTF8	English_India.1252	English_India.1252	
template0	postgres	UTF8	English_India.1252	English_India.1252	=c/postgres + postgres=CTc/postgres
template1	postgres	UTF8	English_India.1252	English_India.1252	=c/postgres + postgres=CTc/postgres

```

(3 rows)

postgres=# create database student;
CREATE DATABASE
postgres=# \l

```

Name	Owner	Encoding	Collate	Ctype	Access privileges
postgres	postgres	UTF8	English_India.1252	English_India.1252	
student	postgres	UTF8	English_India.1252	English_India.1252	
template0	postgres	UTF8	English_India.1252	English_India.1252	=c/postgres + postgres=CTc/postgres
template1	postgres	UTF8	English_India.1252	English_India.1252	=c/postgres + postgres=CTc/postgres

```

(4 rows)

postgres=# drop database student;
DROP DATABASE
postgres=# \l

```

Name	Owner	Encoding	Collate	Ctype	Access privileges
postgres	postgres	UTF8	English_India.1252	English_India.1252	
template0	postgres	UTF8	English_India.1252	English_India.1252	=c/postgres + postgres=CTc/postgres
template1	postgres	UTF8	English_India.1252	English_India.1252	=c/postgres + postgres=CTc/postgres

```

(3 rows)

postgres=#
```

## 2. Creating Database & dropping using Ui Of Pgadmin4

The screenshot displays the pgAdmin 4 web interface in a browser window. The address bar shows the URL `127.0.0.1:52089/browser/`. The pgAdmin 4 logo and menu (File, Object, Tools, Help) are at the top. On the left, a tree view shows the database structure: Servers (1) > PostgreSQL 9.6 > Databases (1) > postgres. The 'Create - Database' dialog box is open, showing the 'General' tab. The 'Database' field contains 'student', the 'Owner' is 'postgres', and the 'Comment' field is empty. The dialog has 'Cancel', 'Reset', and 'Save' buttons. In the background, the main panel shows performance metrics: Transactions, Commits, and Rollbacks, along with a line graph. Below the graph is a table with columns: State, Wait event, and Blocking PIDs. The Windows taskbar at the bottom shows the search bar and various application icons.

State	Wait event	Blocking PIDs
idle		
active		

pgAdmin 4

127.0.0.1:52089/browser/

pgAdmin File Object Tools Help

Browser

Servers (1)

- PostgreSQL 9.6
  - Databases (2)
    - postgres
      - Casts
      - Catalogs
      - Event Triggers
      - Extensions
      - Foreign Data Wrappers
      - Languages
      - Schemas
    - student
      - Casts
      - Catalogs
      - Event Triggers
      - Extensions
      - Foreign Data Wrappers
      - Languages
      - Schemas
      - Login/Group Roles
      - Tablespaces

Database sessions

Transactions per second

Tuples in

Tuples out

Block I/O

Unprepared Transactions

user	Application	Client	Backend start	State	Wait event	Blocking PIDs
postgres	pgAdmin 4 - DB:student	::1	2020-12-02 07:34:20 PST	active		

Create

Refresh...

Delete/Drop

CREATE Script

Disconnect Database...

Maintenance...

Backup...

Restore...

Grant Wizard...

Search Objects...

Query Tool...

Properties...

Type here to search

07:34 02-12-2020

