

# POSTGRES DML COMMANDS

## 1.set search\_path

The screenshot shows the pgAdmin 4 interface. In the left sidebar, the 'partitioning' schema is selected under the 'public' schema. The main pane displays the 'Query Editor' with the following SQL command:

```
1 SET search_path TO teachers;
```

The 'Messages' pane on the right shows the execution result:

```
SET
Query returned successfully in 485 msec.
```

The Windows taskbar at the bottom shows the date as 12-05-2020 and the time as 08:02.

## 2.insert

The screenshot shows the pgAdmin 4 interface. In the left sidebar, the 'public' schema is selected. The main pane displays the 'Query Editor' with the following SQL commands:

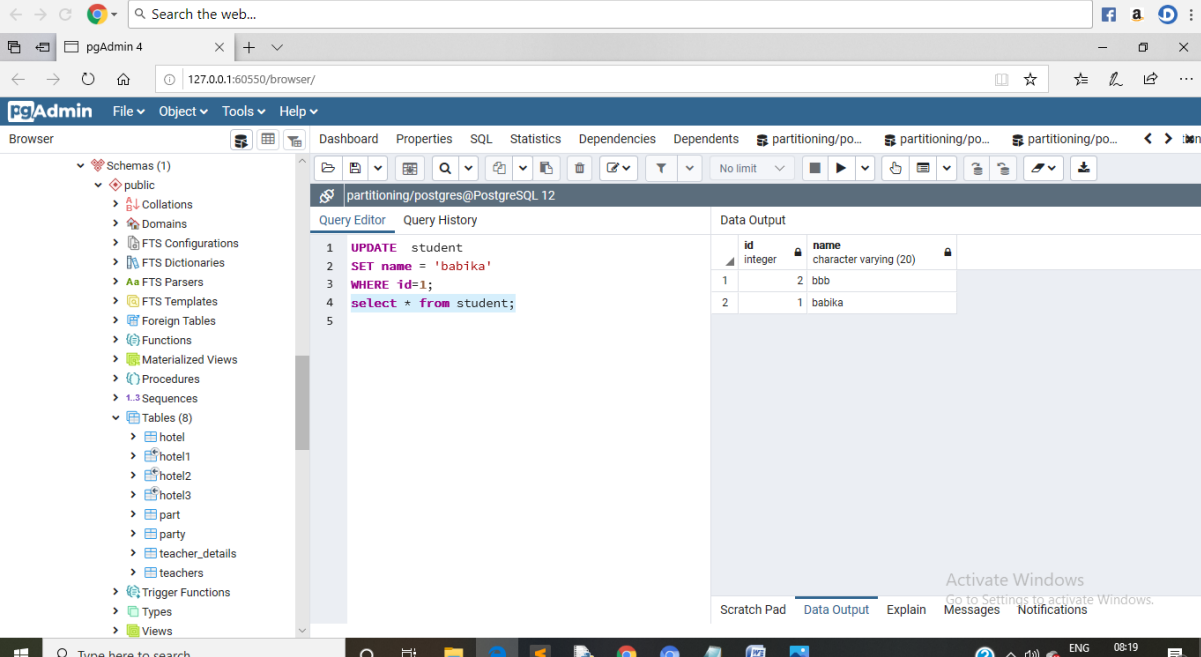
```
1 create table student(
2 id int not null,
3 name varchar(20));
4 insert into student values(1, 'aaa'), (2, 'bbb');
5 select * from student;
```

The 'Data Output' pane on the right shows the result of the SELECT query:

id	name
1	aaa
2	bbb

The Windows taskbar at the bottom shows the date as 12-05-2020 and the time as 08:14.

### 3.update



The screenshot shows the pgAdmin 4 interface. The left sidebar displays the database schema tree with 'public' selected. The main pane shows the 'Query Editor' with the following SQL query:

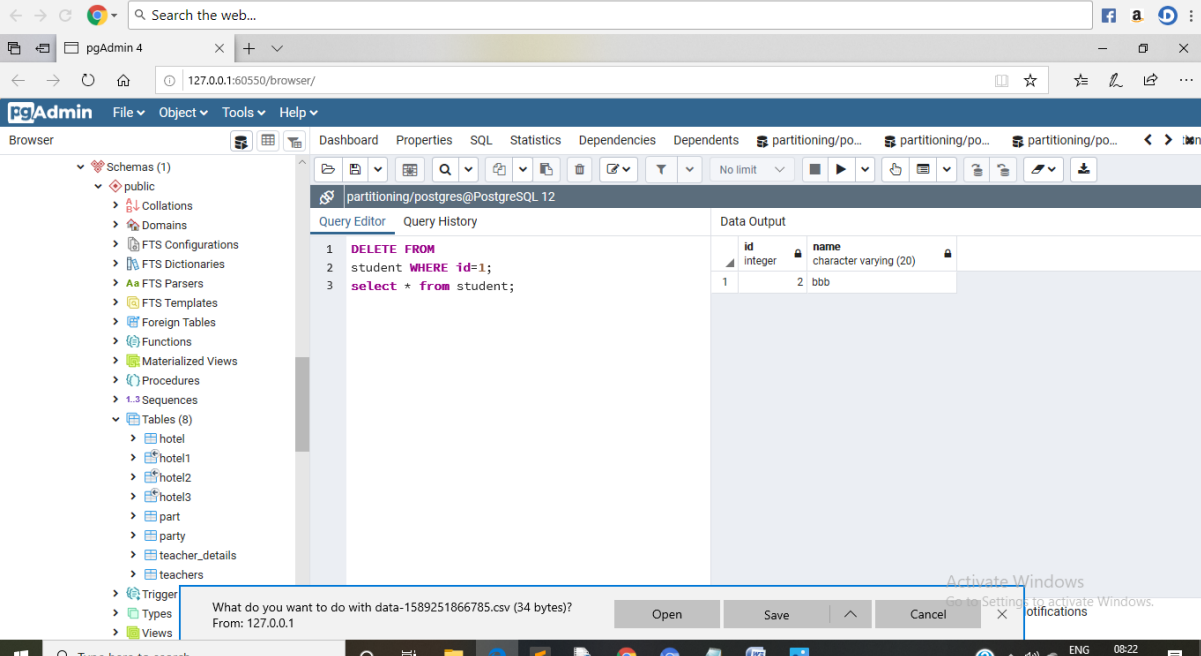
```
1 UPDATE student
2 SET name = 'babika'
3 WHERE id=1;
4 select * from student;
```

The 'Data Output' pane shows the results of the query:

id	name
1	bbb
2	babika

The Windows taskbar at the bottom shows the time as 08:19 on 12-05-2020.

### 4.delete



The screenshot shows the pgAdmin 4 interface. The left sidebar displays the database schema tree with 'public' selected. The main pane shows the 'Query Editor' with the following SQL query:

```
1 DELETE FROM
2 student WHERE id=1;
3 select * from student;
```

The 'Data Output' pane shows the results of the query:

id	name
1	bbb

A file download dialog is open at the bottom, asking 'What do you want to do with data-1589251866785.csv (34 bytes)? From: 127.0.0.1'. The Windows taskbar at the bottom shows the time as 08:22 on 12-05-2020.

## 5.select

The screenshot displays the pgAdmin 4 web interface in a browser window. The address bar shows the URL `127.0.0.1:60550/browser/`. The interface includes a left-hand 'Browser' pane showing a tree view of database objects under the 'public' schema, including tables like 'hotel', 'hotel1', 'hotel2', 'hotel3', 'part', 'party', 'teacher\_details', and 'teachers'. The main area is divided into three panes: 'Query Editor', 'Query History', and 'Data Output'. The 'Query Editor' contains the SQL query `select name from student;`. The 'Data Output' pane shows the result of the query as a table with one column 'name' (character varying (20)) and one row containing the value 'bbb'. At the bottom of the screen, a Windows taskbar is visible with the search bar and several application icons. A Windows activation watermark is also present in the bottom right corner.

pgAdmin 4

Search the web...

127.0.0.1:60550/browser/

pgAdmin

File Object Tools Help

Browser

Schemas (1)

- public
  - Collations
  - Domains
  - FTS Configurations
  - FTS Dictionaries
  - FTS Parsers
  - FTS Templates
  - Foreign Tables
  - Functions
  - Materialized Views
  - Procedures
  - Sequences
  - Tables (8)
    - hotel
    - hotel1
    - hotel2
    - hotel3
    - part
    - party
    - teacher\_details
    - teachers
  - Trigger
  - Types
  - Views

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Query Editor Query History

```
1
2 select name from student;
```

Data Output

	name
1	bbb

What do you want to do with data-1589251866785.csv (34 bytes)?

Open Save Cancel

From: 127.0.0.1

Activate Windows

Go to Settings to activate Windows.

Notifications

Type here to search

ENG 08:23 12-05-2020