pgAdmin 4

pgAdmin File Object Tools Help

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- Types
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```
postgres=# create table student (roll_no int, name text, course text);
CREATE TABLE
postgres=# select * from student;
 roll_no | name | course
---------+------+--------
(0 rows)

postgres=#
```

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```
C:\Program Files\PostgreSQL\14\pgAdmin 4\bin>"C:\Program Files\PostgreSQL\14\bin\psql.exe" "host
='localhost' port='5432' dbname='postgres' user='postgres' sslmode='prefer' sslcompression='Fals
e' " 2>>&1
psql (14.5)
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=# insert into student values (101, 'Rodger', 'Java'), (102, 'Rohan', 'Python');
INSERT 0 2
postgres=# insert into student values (131, 'Reynold', 'JavaScript'), (104, 'Aditya', 'Css');
INSERT 0 2
postgres=# select * from student;
 roll_no |  name   |   course
---------+---------+------------
     101 | Rodger  | Java
     102 | Rohan   | Python
     131 | Reynold | JavaScript
     104 | Aditya  | Css
(4 rows)


postgres=#
```

Type here to search

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- FTS Configur
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- Tables (2)
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```
='localhost' port='5432' dbname='postgres' user=p
e' " 2>>&1
psql (14.5)
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 * from student;
 roll_no |  name    |   course
---------+----------+------------
     101 | Rodger   | Java
     102 | Rohan    | Python
     131 | Reynold  | JavaScript
     104 | Aditya   | Css
(4 rows)


postgres=#
```

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Dashboard Properties SQL postgres/postgres@PostgreSQL 14

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- Subscriptions

```
postgres=# update student set student_name='Mohan' where course='JavaScript';
UPDATE 0
postgres=# select * from student;
 roll_no | student_name |   course
---------+--------------+------------
       1 | Aman         | Python
       2 | Ram          | C
       3 | Anuj         | javaScript
(3 rows)

postgres=# update student set student_name='Mohan' where roll_no=3;
UPDATE 1
postgres=# select * from student;
 roll_no | student_name |   course
---------+--------------+------------
       1 | Aman         | Python
       2 | Ram          | C
       3 | Mohan        | javaScript
(3 rows)

postgres=#
```

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pgAdmin

Dashboard | Properties | SQL | postgres/postgres@PostgreSQL 14

```
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 * from student;
 roll_no | student_name |   course
---------+--------------+------------
       1 | Aman         | Python
       2 | Ram          | C
       3 | Mohan        | javaScript
(3 rows)


postgres=# delete from student where roll_no=3;
DELETE 1
postgres=# select * from student;
 roll_no | student_name | course
---------+--------------+--------
       1 | Aman         | Python
       2 | Ram          | C
(2 rows)

postgres=#
```

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pgAdmin File Object Tools Help

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- Views
- Subscription
- in/Group Role

```
postgres=# delete from student where course = python;
ERROR:  column "python" does not exist
LINE 1: delete from student where course = python;
                                         ^

postgres=# delete from student whee course = Python;
ERROR:  syntax error at or near "course"
LINE 1: delete from student whee course = Python;
                                ^

postgres=# delete from student where course = Python;
ERROR:  column "python" does not exist
LINE 1: delete from student where course = Python;
                                         ^

postgres=# delete from student where course = 'Python';
DELETE 1
postgres=# delete from student where course = 'C';
DELETE 1
postgres=# select * from student;
 roll_no | student_name | course
---------+--------------+--------
(0 rows)


postgres=#
```

```
postgres=# delete from student where course = Python;
ERROR:  column "python" does not exist
LINE 1: delete from student where course = Python;
                                           ^
postgres=# delete from student where course = 'Python';
DELETE 1
postgres=# delete from student where course = 'C';
DELETE 1
postgres=# select * from student;
 roll_no | student_name | course
---------+--------------+--------
(0 rows)


postgres=# drop table student;
DROP TABLE
postgres=# select * from sudent;
ERROR:  relation "sudent" does not exist
LINE 1: select * from sudent;
                      ^
postgres=# select * from student;
ERROR:  relation "student" does not exist
LINE 1: select * from student;
                      ^
postgres=#
```

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Trigger
Types

```
postgres=# create table student (roll_no int, name text, c_id int, primary key(roll_no), constraint cid_key f
oreign key(c_id) references courses(c_id));
CREATE TABLE
postgres=# select * from student;
 roll_no | name | c_id
---------+------+------
(0 rows)

postgres=# select * from courses;
 c_id | c_name
------+--------
(0 rows)

postgres=#
```

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Dashboard Properties SQL postgres/postgres@PostgreSQL 14

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dept
emp

```
postgres=# select * from courses;
 c_id |    c_name
------+------------
    1 | Python
    2 | Java
    3 | JavaScript
    4 | Html
(4 rows)


postgres=# select * from student;
 roll_no |   name   | c_id
---------+----------+------
     101 | Rohan    |    1
     102 | Vamshi   |    4
     103 | Malvika  |    3
     104 | Maria    |    2
(4 rows)


postgres=#
```

Dashboard Properties SQL postgres/postgres@PostgreSQL 14

public
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- Domair
- FTS Co
- FTS Dic
- FTS Pa
- FTS Tei
- Foreign
- Functic
- Materia
- Operat
- Proced
- Sequen
- Tables
  - dept
  - emp
  - stud
- Trigger
- Types

```
 1 | Python
 2 | Java
 3 | JavaScript
 4 | Html
(4 rows)

postgres=# select * from student;
 roll_no |  name   | c_id
---------+---------+------
     101 | Rohan   |    1
     102 | Vamshi  |    4
     103 | Malvika |    3
     104 | Maria   |    2
(4 rows)

postgres=# select name from student where c_id=1;
 name
-------
 Rohan
(1 row)

postgres=#
```

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