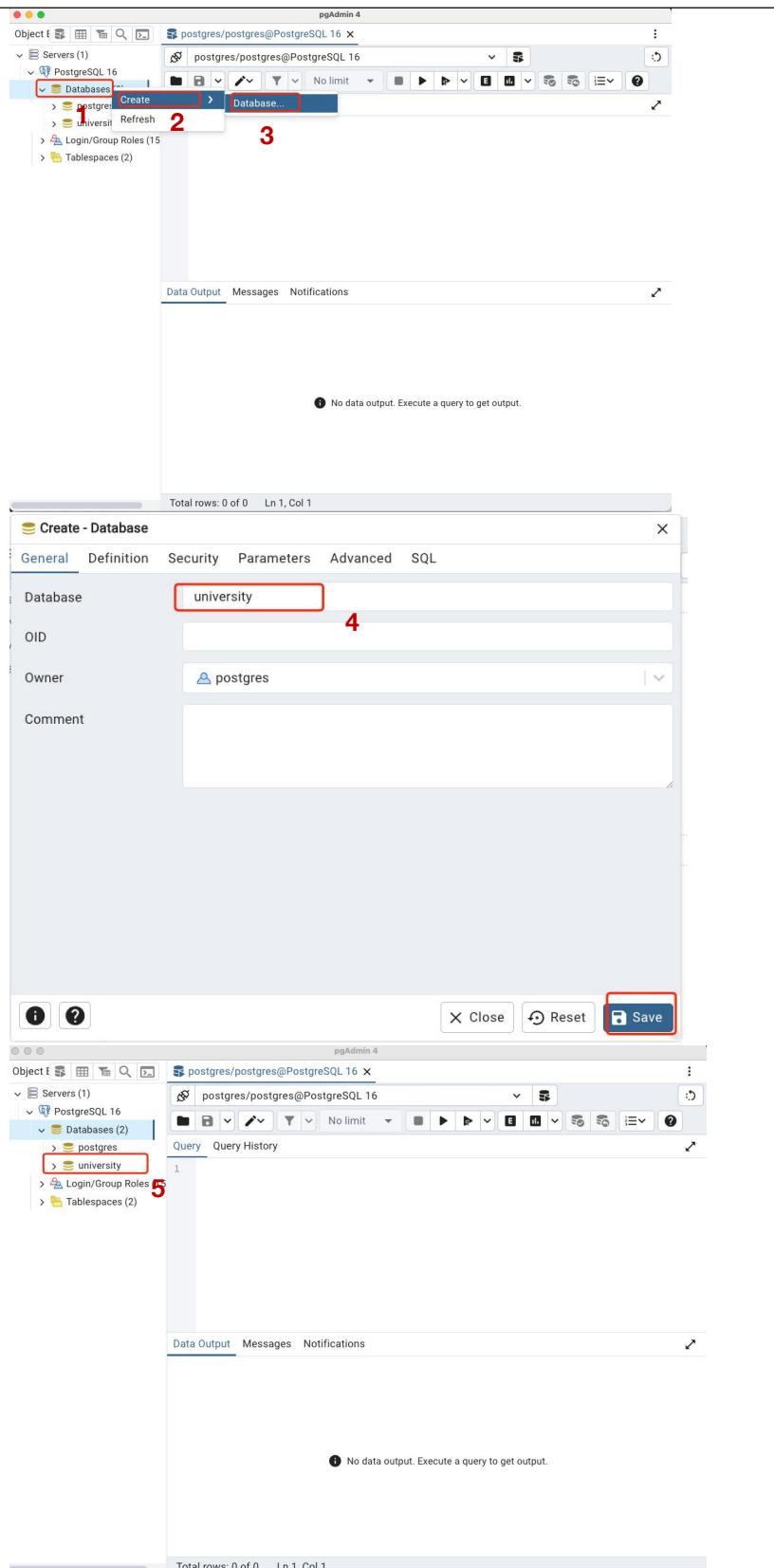


Instruction of PostgreSQL

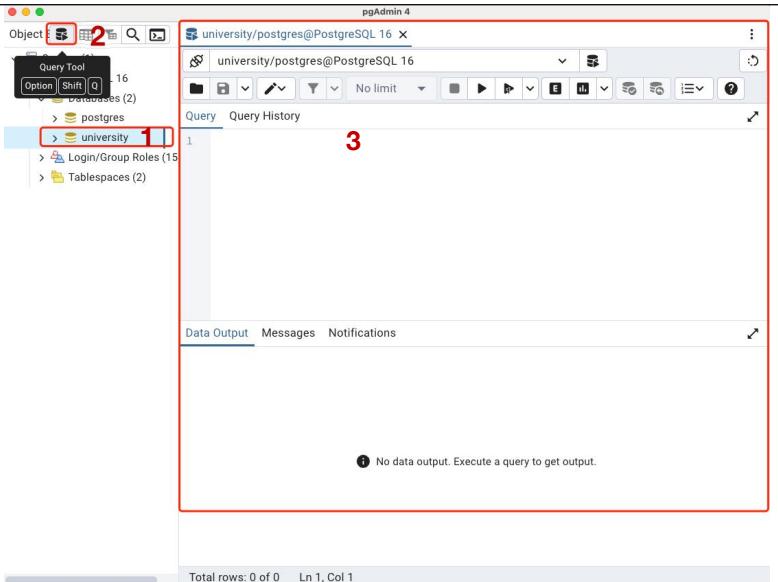
Create a database

1. Right click “Database” under “PostgreSQL 16”
2. Click “Create”
3. Click “Database”
4. Name your database and click “save”
5. You can see your created database in the left panel



Find the query tool

1. Click your database
2. Click the Query Tool
3. You will see the panel



Create table

1. Copy and paste the DDL statements into the panel
2. Click the Execute button
3. You will see it is successfully executed
4. To check the table, click "university"-->"Schemas"-->"Tables"
5. Right click "Tables", click "refresh"
6. You will see the tables you created

This screenshot illustrates the process of creating a table and then refreshing it to see the changes in the object browser. It consists of three vertically stacked windows of the pgAdmin 4 interface.

- Top Window:** Shows the Object Browser with the 'university' schema selected. A red box labeled '1' highlights the 'Tables' item under the 'university' schema. The query tool window below contains DDL statements for creating sequences and a table named 'student'. A red box labeled '2' highlights the 'Execute' button. The results pane shows an 'INSERT' statement and a success message: 'Query returned successfully in 65 msec.' A red box labeled '3' highlights this message.
- Middle Window:** Shows the Object Browser with the 'university' schema selected. A red box labeled '4' highlights the 'Tables' item under the 'university' schema. A context menu is open over the 'Tables' item, with a red box labeled '5' highlighting the 'Refresh' option. The query tool window below shows the same DDL statements and execution results.
- Bottom Window:** Shows the Object Browser with the 'university' schema selected. A red box labeled '6' highlights the 'Tables' item under the 'university' schema. The query tool window below shows the same DDL statements and execution results, identical to the middle window.

Run SQL

1. Select the SQL statement you want to execute
2. Click the Execute button
3. You will see the results

The screenshot shows the pgAdmin 4 interface. On the left is a tree view of database objects under the 'public' schema, including tables like 'student', 'exercise', and 'member'. The 'Tables' node is selected. In the center, a query editor window titled 'university/postgres@PostgreSQL 16+' contains the following SQL code:

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

A red box labeled '1' highlights the first line of the query. A red box labeled '2' highlights the execute button (a red triangle icon) in the toolbar above the results. A red box labeled '3' highlights the data output grid below. The grid displays the results of the first query:

sid	firstname	lastname	semester	birthdate
1	Jedidiah	Hansen	17	2007-06-21
2	Jo	Nader	5	1988-04-04
3	Aliya	Bergstrom	2	1978-01-04
4	Fae	Wunsch	3	1977-10-04
5	Martina	Botsford	6	2016-08-04
6	Burnice	Kuhic	6	1979-07-15
7	Norbert	Paucek	7	2020-07-17
8	Destinee	Wisozk	3	2018-11-04

At the bottom of the grid, it says 'Total rows: 100 of 100' and 'Query complete 00:00:00.201 Ln 1, Col 1'.