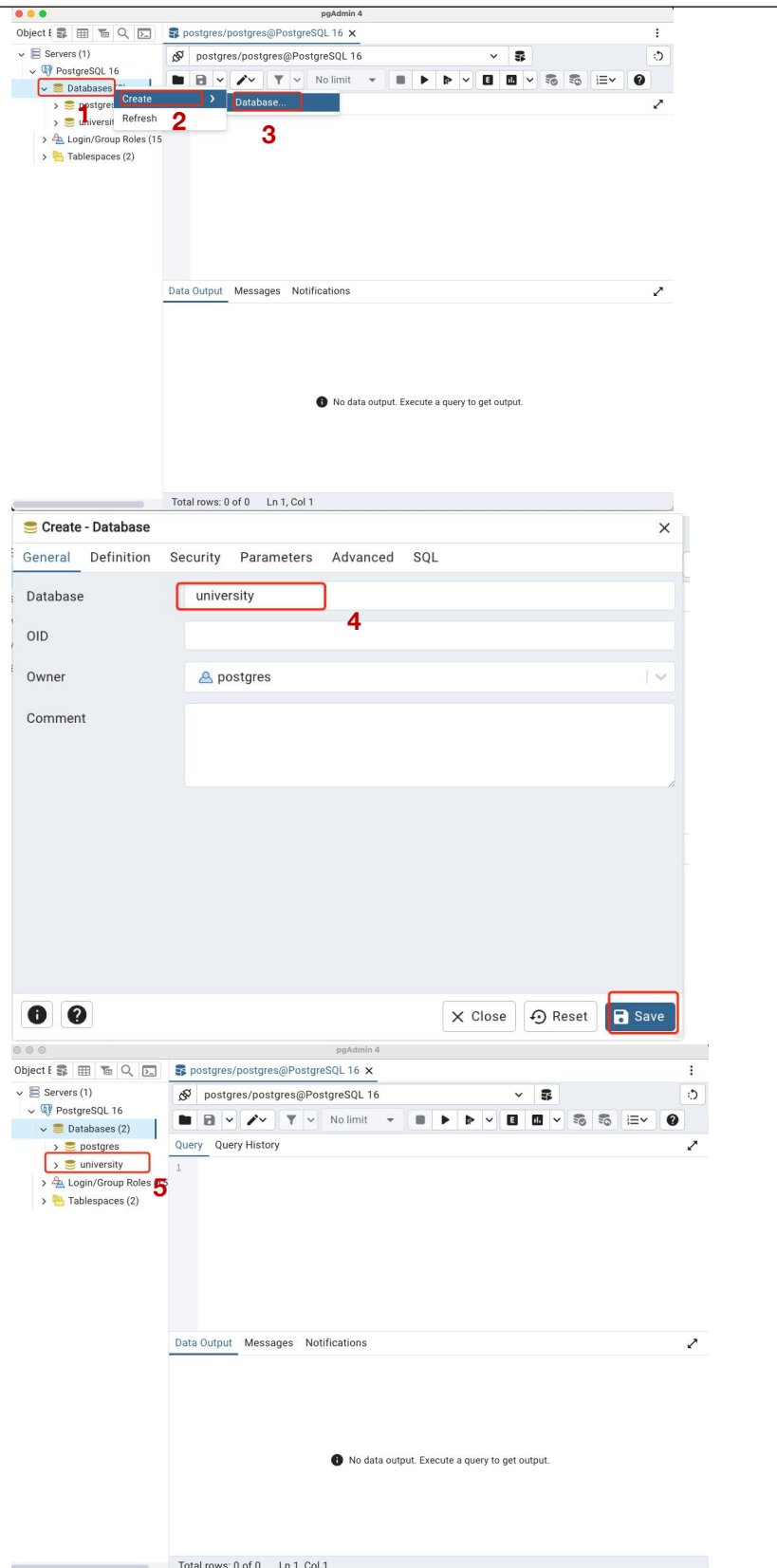


Instruction of PostgreSQL

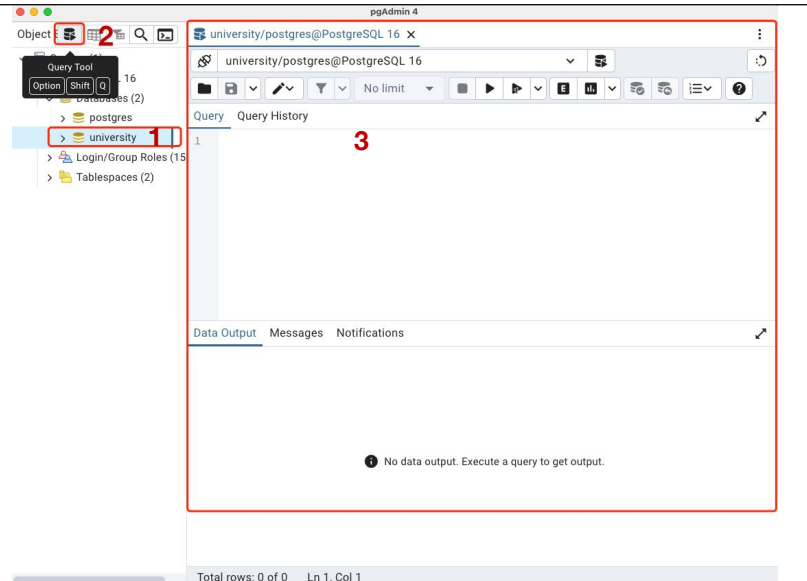
Create a database

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



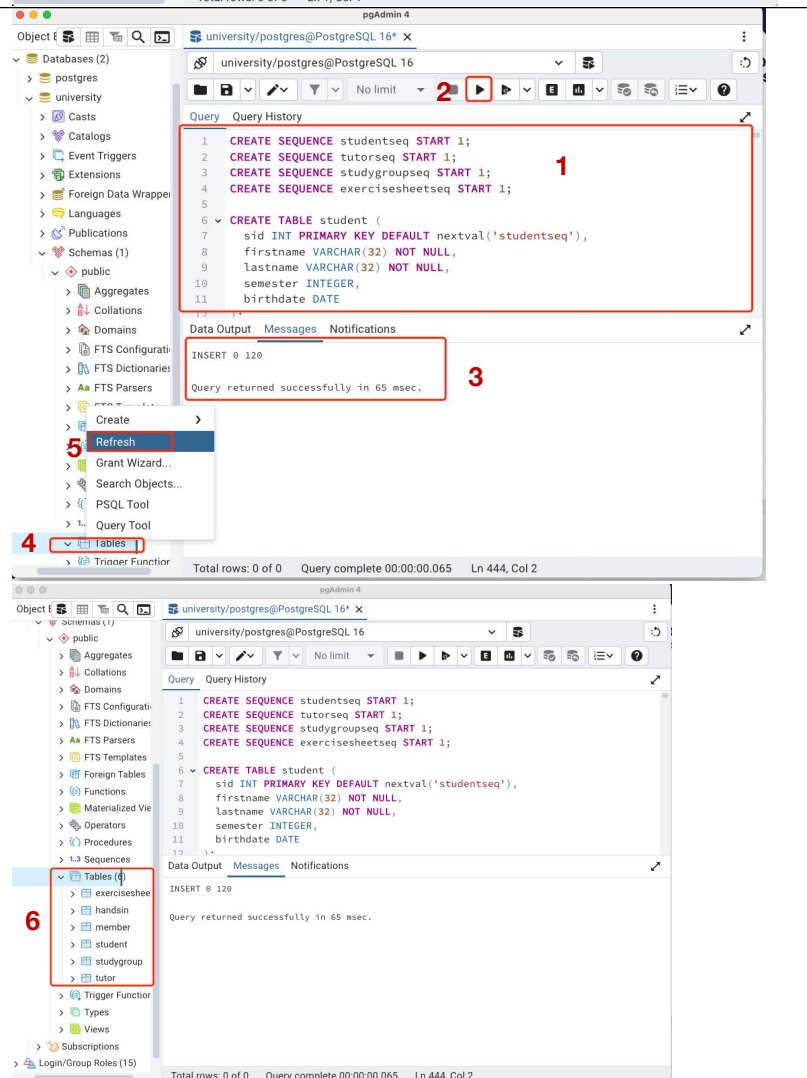
Find the query tool

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



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 with the following elements:

- Left Panel:** A tree view of the database schema. The 'Tables (4)' folder is expanded, showing tables: 'exerciseshet', 'handsin', 'member', 'student', 'studygroup', 'tutor', 'Trigger Function', 'Types', 'Views', 'Subscriptions', and 'Login/Group Roles (15)'.
- Query Editor:** The 'Query' tab is active. It contains two SQL statements:

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

The first statement is highlighted with a red box and labeled '1'. The 'Execute' button (a play icon) is highlighted with a red box and labeled '2'.
- Data Output:** The 'Data Output' tab is active, showing the results of the first query. It is labeled '3'. The results are displayed in a table with the following columns: 'sid' (integer, PK), 'firstname' (character varying (32)), 'lastname' (character varying (32)), 'semester' (integer), and 'birthdate' (date). The table contains 8 rows of data.

	sid [PK] integer	firstname character varying (32)	lastname character varying (32)	semester integer	birthdate date
1	1	Jedidiah	Hansen	17	2007-06-21
2	2	Jo	Nader	5	1988-04-04
3	3	Aliya	Bergstrom	2	1978-01-04
4	4	Fae	Wunsch	3	1977-10-04
5	5	Martina	Botsford	6	2016-08-04
6	6	Burnice	Kuhic	6	1979-07-15
7	7	Norbert	Paucek	7	2020-07-17
8	8	Destinee	Wisozk	3	2018-11-04

Total rows: 100 of 100 Query complete 00:00:00.201 Ln 1, Col 1