Step1: create a database
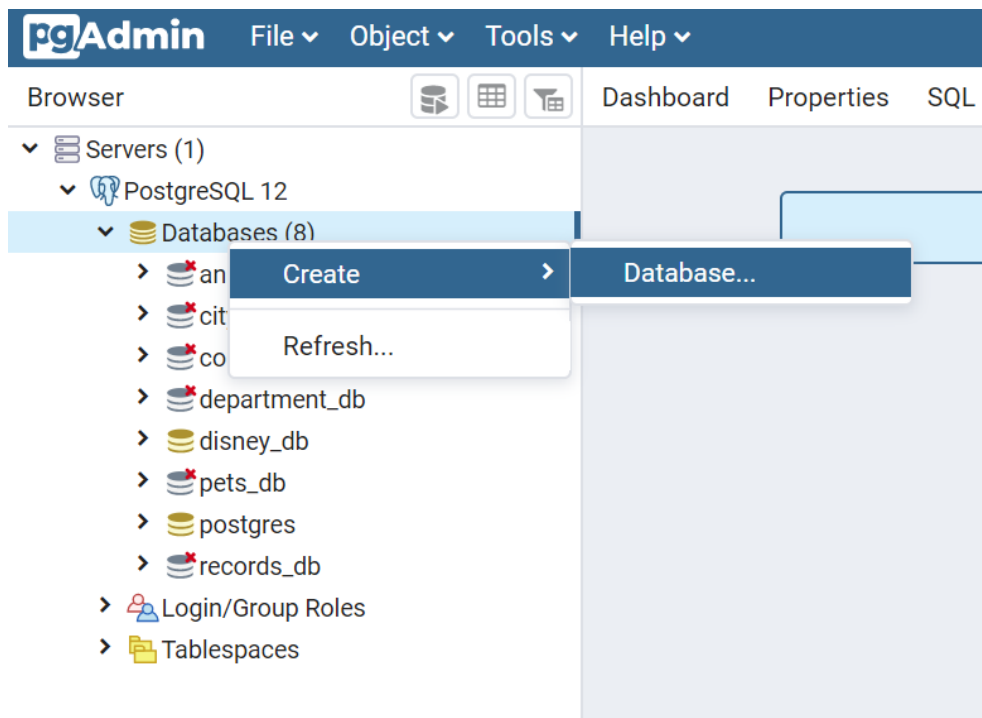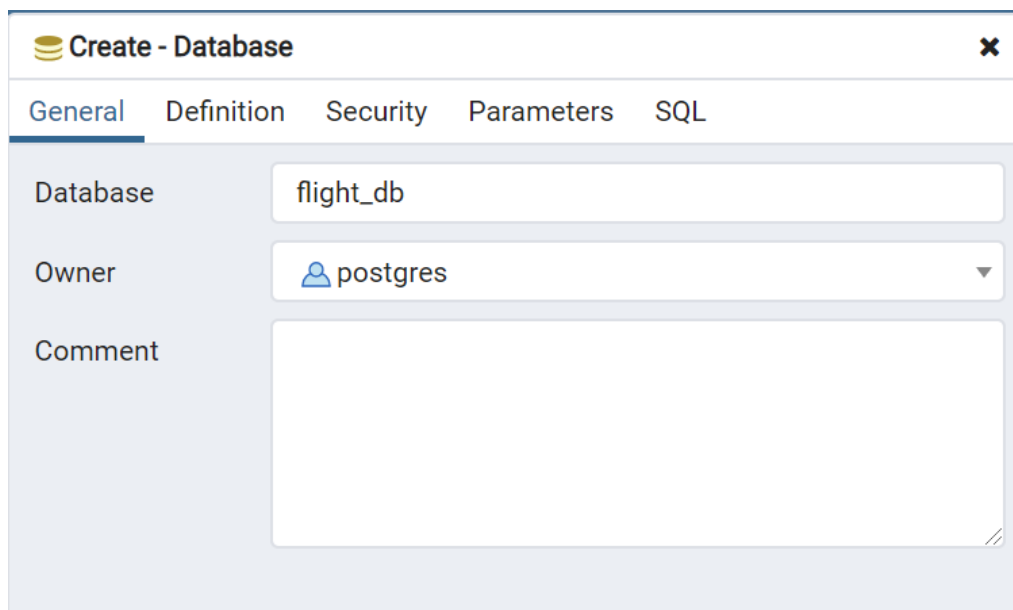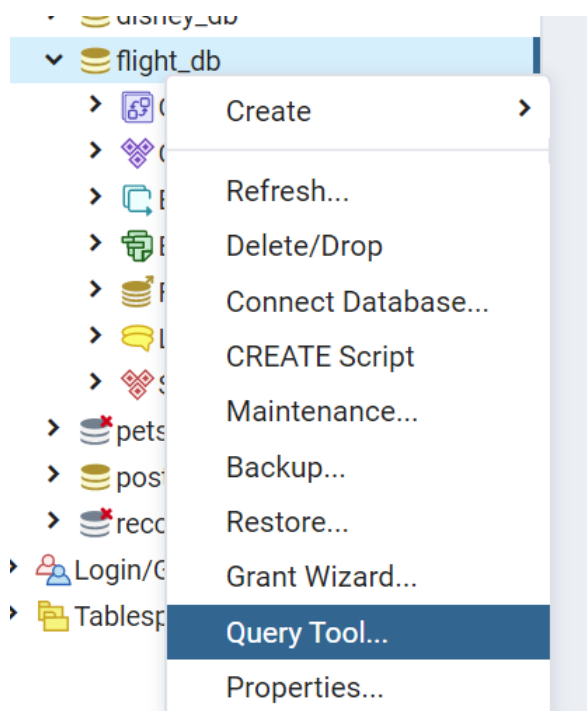

Then:

Step 2: Create tables

Copy & paste code from SQL_Schema.sql and run it!

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Query Editor   Query History

```sql
1  CREATE TABLE "airline" (
2      "airline_id" INT    NOT NULL,
3      "IATA_airline_code" VARCHAR    NOT NULL,
4      "airline_name" VARCHAR    NOT NULL,
5      CONSTRAINT "pk_airline" PRIMARY KEY (
6          "airline_id"
7      )
8  );
9
10 CREATE TABLE "airport" (
11     "airport_id" INT    NOT NULL,
12     "airport_name" VARCHAR    NOT NULL,
13     "airport_IATA_code" VARCHAR    NOT NULL,
14     "city" VARCHAR    NOT NULL
```

Step 3: Open the sql.ipynb and change the code in the third to the last line ==(Note: do not close the page of Postgres !!!!!!!)==

```python
engine = create_engine('postgresql://postgres:postgres@localhost:5432/flight_db')
connection = engine.connect()
```

Step 4: Run all of the python code in the <mark>sql.ipynb</mark> (may take several hours!)