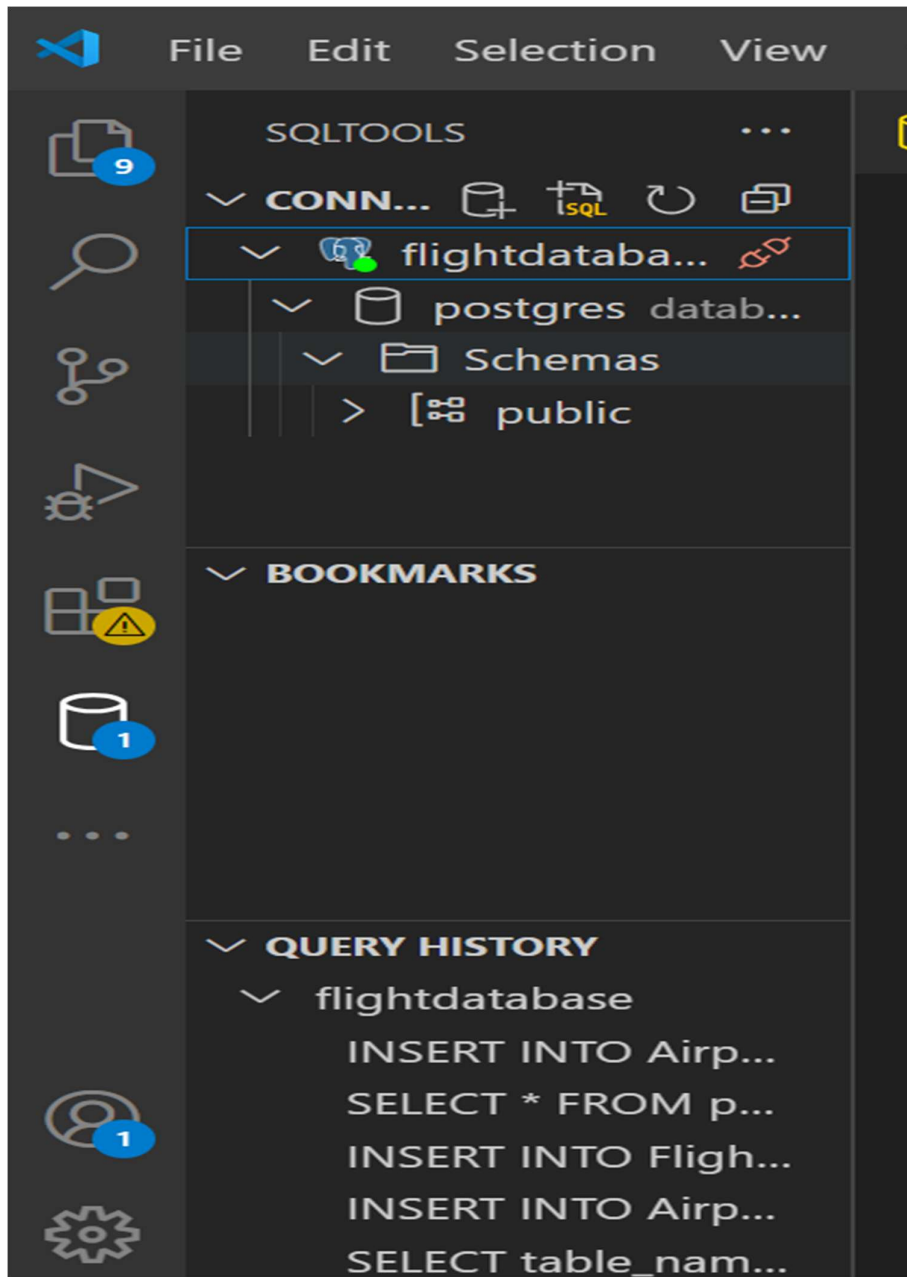


OUTPUT


Airport Database Creation • Create a detailed database of all European airports, including the following fields: • Airport Name • IATA Code • ICAO Code • Country • City • Latitude and Longitude • Provide the SQL script or equivalent for creating this database. 2. Data Insertion and Querying • Insert mock data for 5 German airports and 10 sample flights with a mix of on-time and delayed statuses. • Write queries to: • Retrieve all flights from a specific airport. • Identify flights delayed by more than 2 hours. • Fetch flight details using the flight number. 3. Data Collection Simulation (Optional but Preferred) • Simulate how you would fetch real-time flight data using APIs (e.g., ChatGPT API, AviationStack, or FlightAware or any other method). • Provide a sample code snippet demonstrating API calls and data extraction. • Explain how the collected data would be stored and updated in your database.



1.

oid	datname	datdba	encoding	datlocprovider	datistemplate
5	postgres	10	6	c	FALSE
16408	flightdatabase	10	6	c	FALSE
1	template1	10	6	c	TRUE
4	template0	10	6	c	TRUE

```
563.88,  
false,  
62.15,  
143.41,  
-0.33,  
null,  
586.74,  
"5236",  
false,  
0  
],  
[  
  "801640",  
  "AIC356  ",  
  "India",  
  1742558703,  
  1742558703,  
  78.6663,  
  28.0432,  
  7322.82,  
  false,  
  185.29,  
  293.22,
```

 flightdatabase: SELECT table_nam... × ...

table_name

abc Filter...

airports
flights

CONSOLE
OPEN

RE-RUN QUERY

EXPORT

1-2 of
2

flightdatabase: SELECT column_na... X

...

column_name

data_type

abc Filter...

abc Filter...

id

integer

flight_number

character varying

origin

character varying

destination

character varying

departure_time

timestamp without time zone

arrival_time

timestamp without time zone

status

character varying



flightdatabase: SELECT table_sch... X



table_schema

table_name

abc Filter...

abc Filter...

public

airports

public

flights