**Laboratory work 10**

**We continue to work with the database from the previous laboratory works.**

**Take a full-page screenshot that covers the code and results of each task.**

STORED PROCEDURES.

*Note: I used functions for tasks that require returning a value, as I believe it is better, and used stored procedures for tasks that involve data manipulation.*

1. Create a stored procedure to insert a new flight into the flights table.

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

1. Create a stored procedure to update the status of a flight.

A screenshot of a computer program

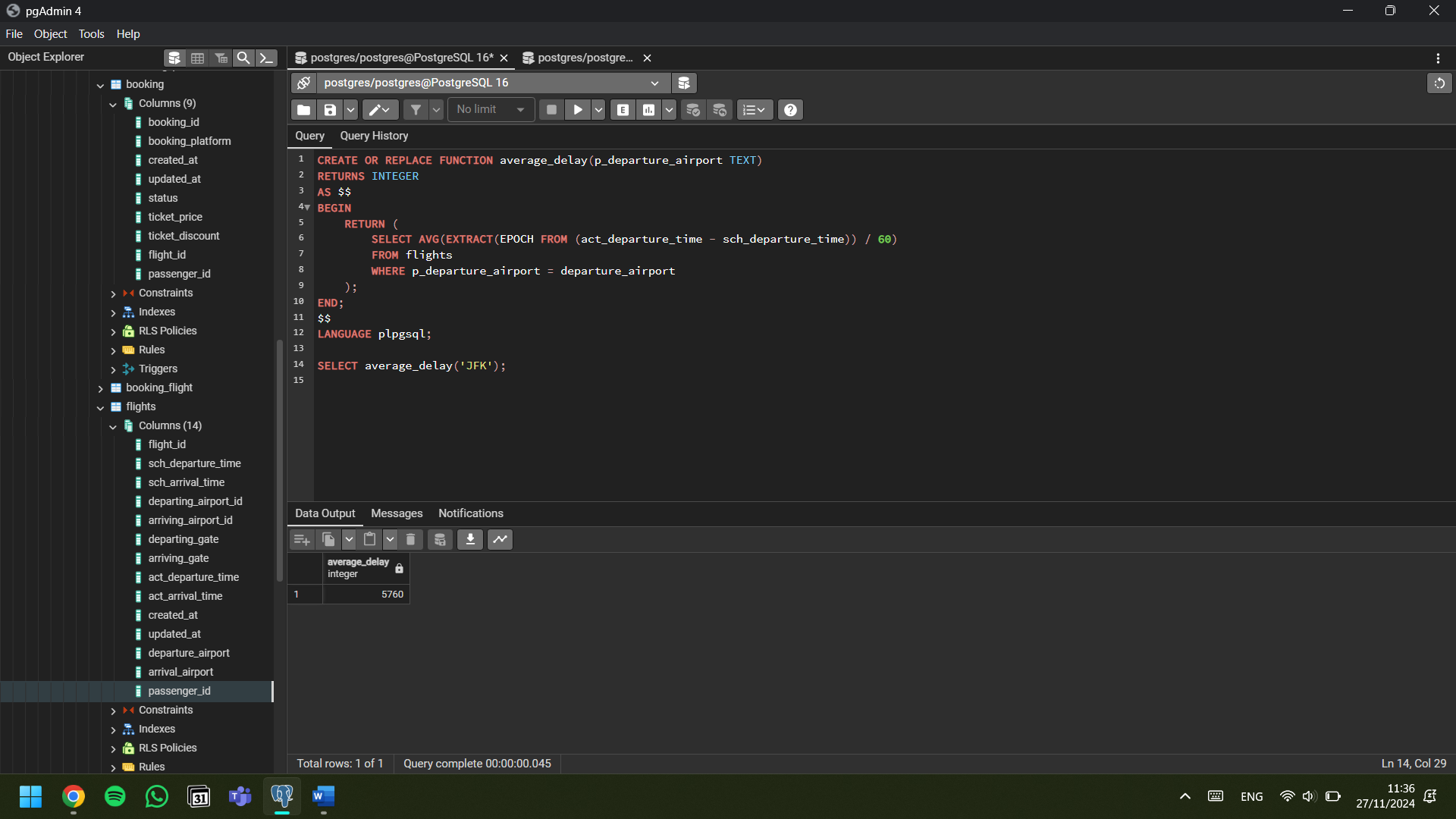
Description automatically generated

1. Create a stored procedure that returns a list of flights departing from a specific airport.

A screenshot of a computer program

Description automatically generated

1. Create a stored procedure to calculate the average delay time of flights arriving at a specific airport.

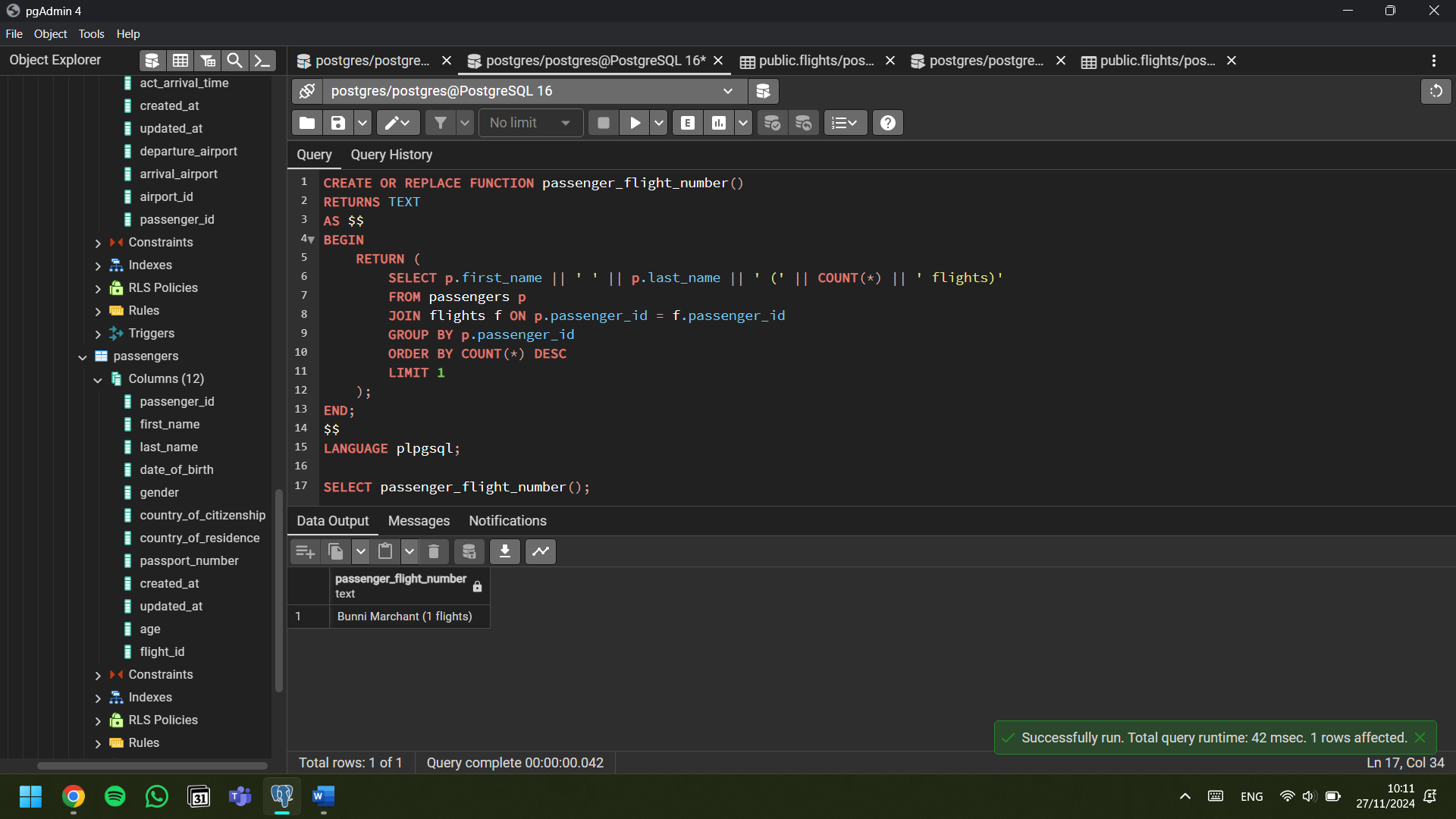


1. Create a stored procedure that lists all passengers for a given flight number.

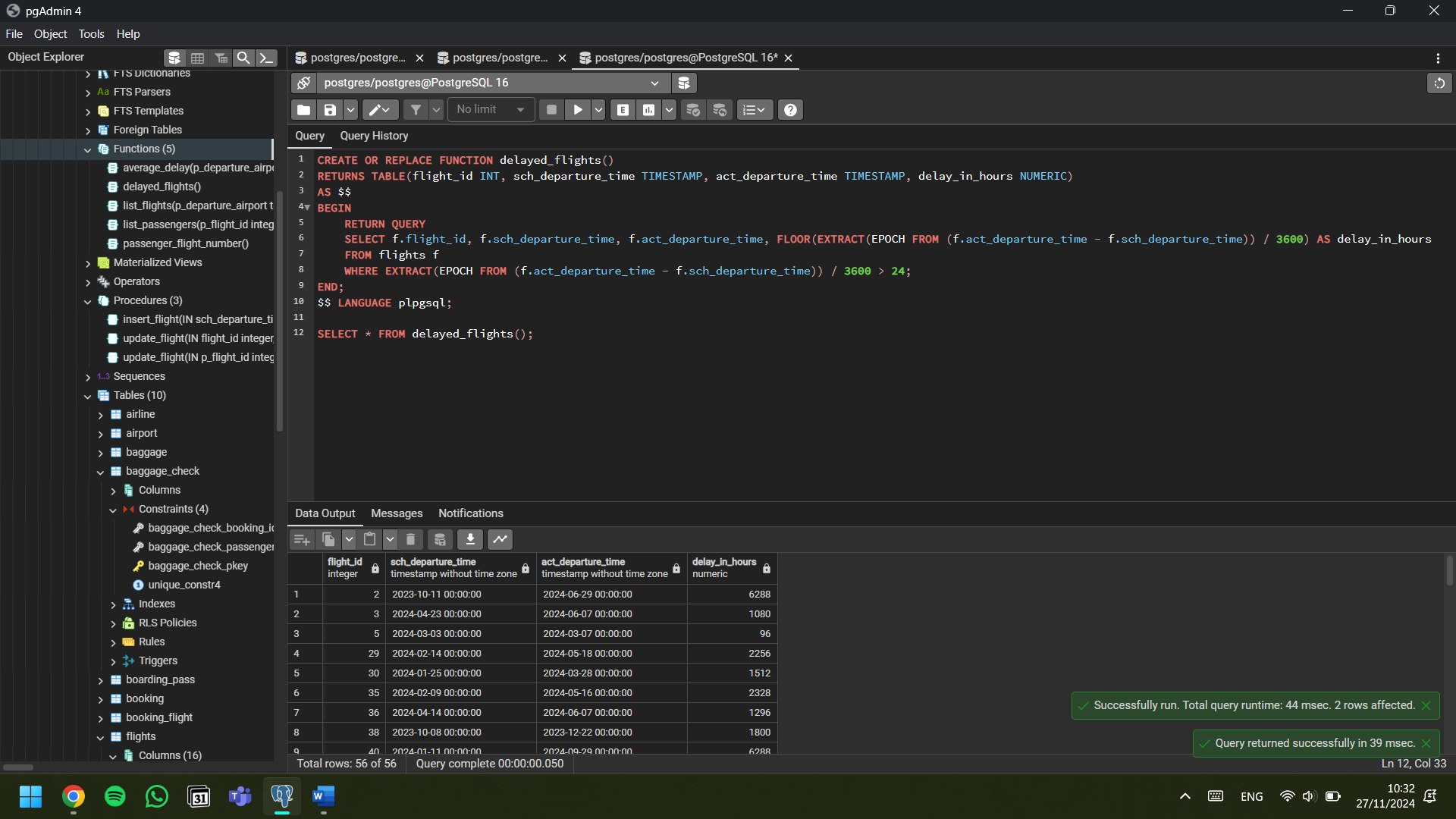
A screenshot of a computer program

Description automatically generated

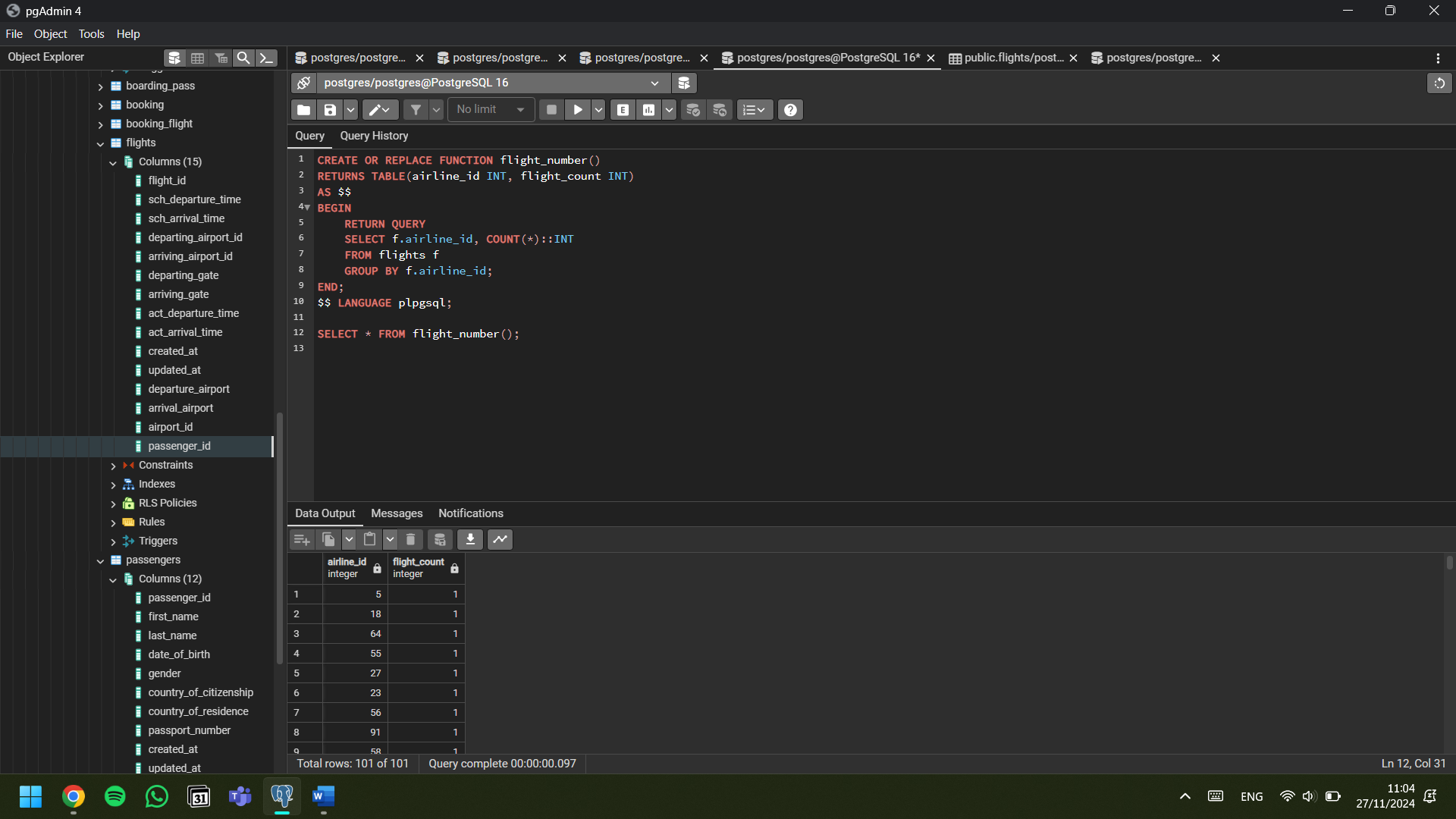
1. Create a stored procedure to find the passenger who has taken the greatest number of flights.



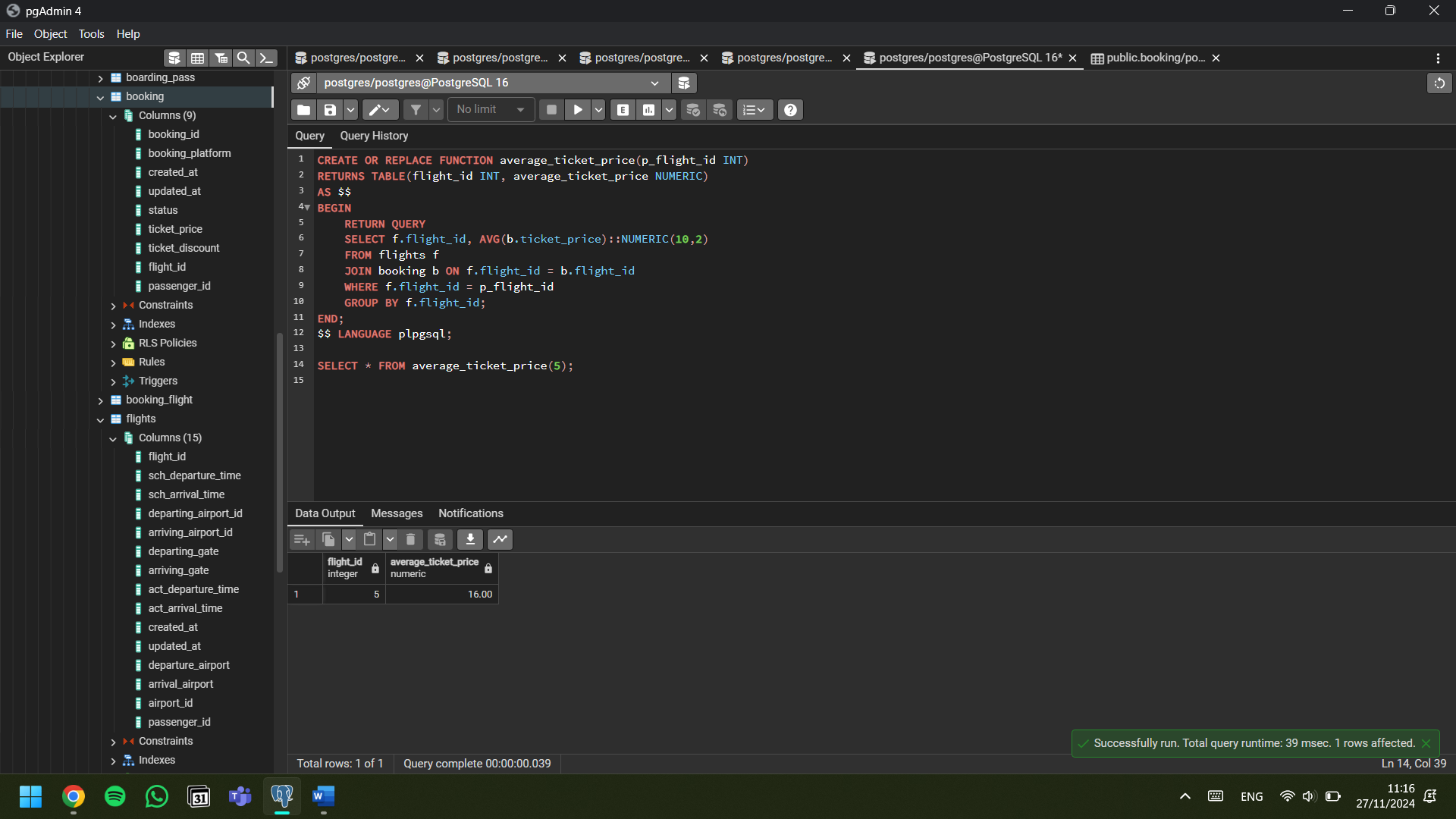
1. Create a stored procedure to find all flights that are delayed by more than 24 hours.



1. Create a stored procedure that counts the number of flights for each airline.



1. Create a stored procedure to calculate the average ticket price for a specific flight.



1. Create a stored procedure to find the flight with the highest ticket price. The procedure should return the flight number, the departure and arrival airports, and the ticket price for the most expensive flight.

