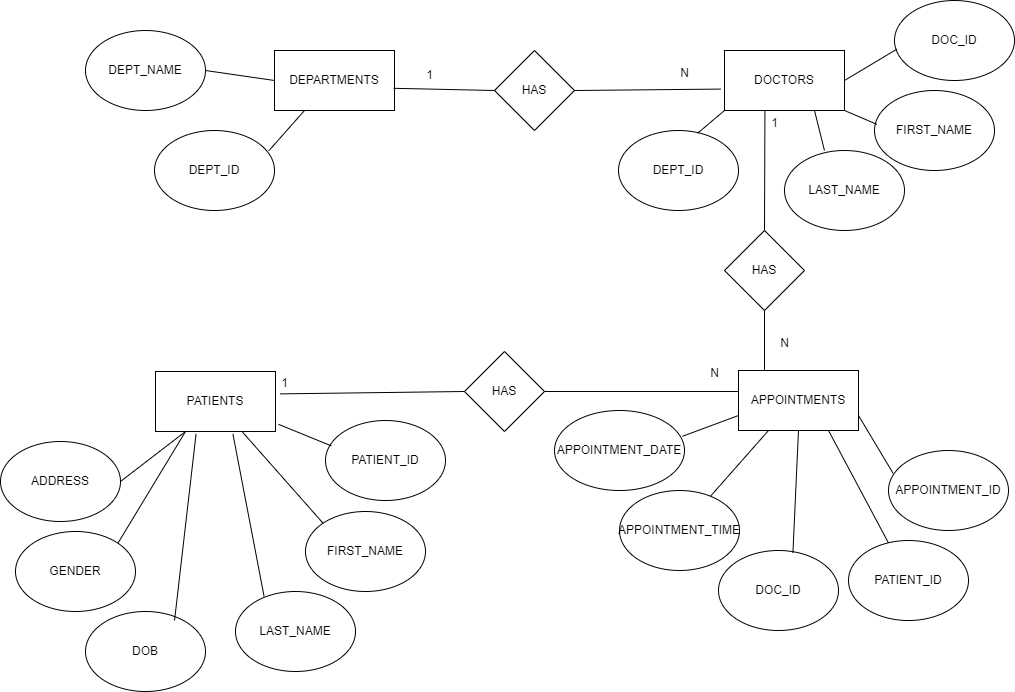
**TASK 2 : POSTGRE SQL**

**1.**

****

**2. & 3**

-- Create database

CREATE DATABASE hospital\_management\_system;

-- Create tables

CREATE TABLE departments (

department\_id SERIAL PRIMARY KEY,

department\_name VARCHAR(100) NOT NULL

);

CREATE TABLE doctors (

doctor\_id SERIAL PRIMARY KEY,

first\_name VARCHAR(50) NOT NULL,

last\_name VARCHAR(50) NOT NULL,

department\_id INT NOT NULL,

FOREIGN KEY (department\_id) REFERENCES departments (department\_id)

);

CREATE TABLE patients (

patient\_id SERIAL PRIMARY KEY,

first\_name VARCHAR(50) NOT NULL,

last\_name VARCHAR(50) NOT NULL,

date\_of\_birth DATE NOT NULL,

gender VARCHAR(10) NOT NULL,

address TEXT

);

CREATE TABLE appointments (

appointment\_id SERIAL PRIMARY KEY,

patient\_id INT NOT NULL,

doctor\_id INT NOT NULL,

appointment\_date DATE NOT NULL,

appointment\_time TIME NOT NULL,

FOREIGN KEY (patient\_id) REFERENCES patients (patient\_id),

FOREIGN KEY (doctor\_id) REFERENCES doctors (doctor\_id)

);

**4.**

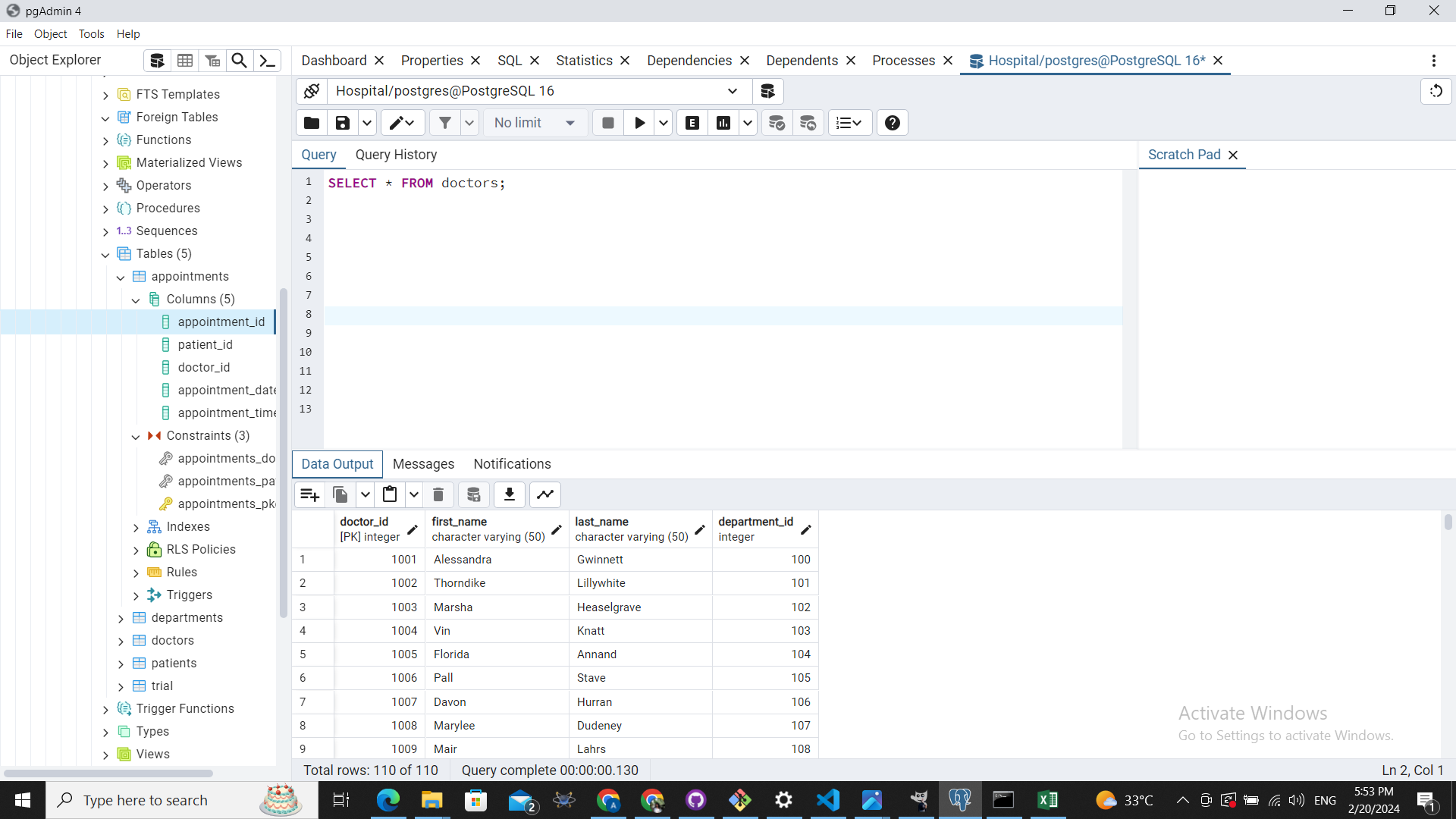
**COPY departments (department\_id, department\_name) FROM 'C:\deptdata.csv' DELIMITER ',' CSV HEADER;**

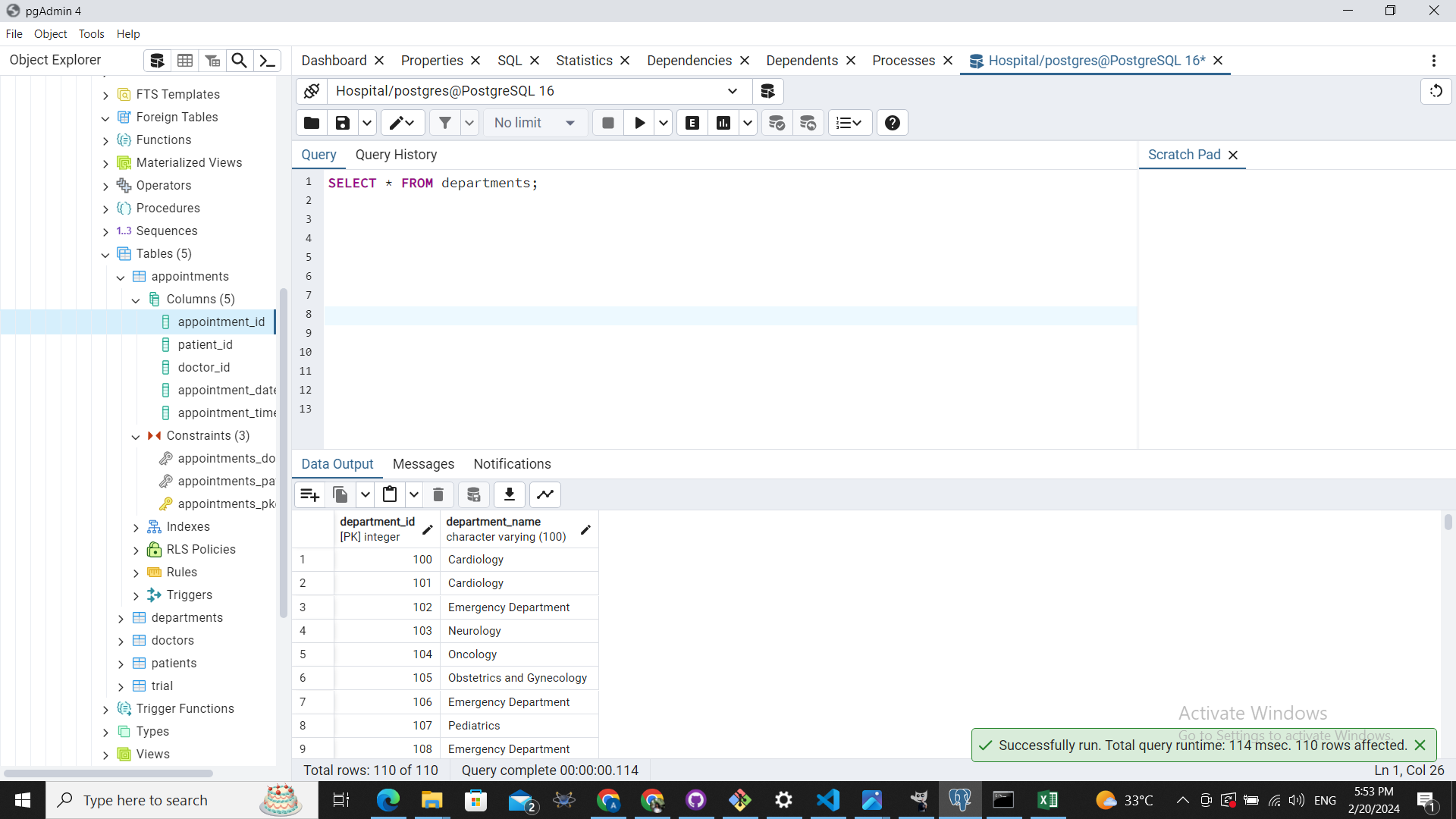
**COPY doctors (doctor\_id, first\_name, last\_name, department\_id) FROM 'C:\DOCTORSDATA1.csv' DELIMITER ',' CSV HEADER;**

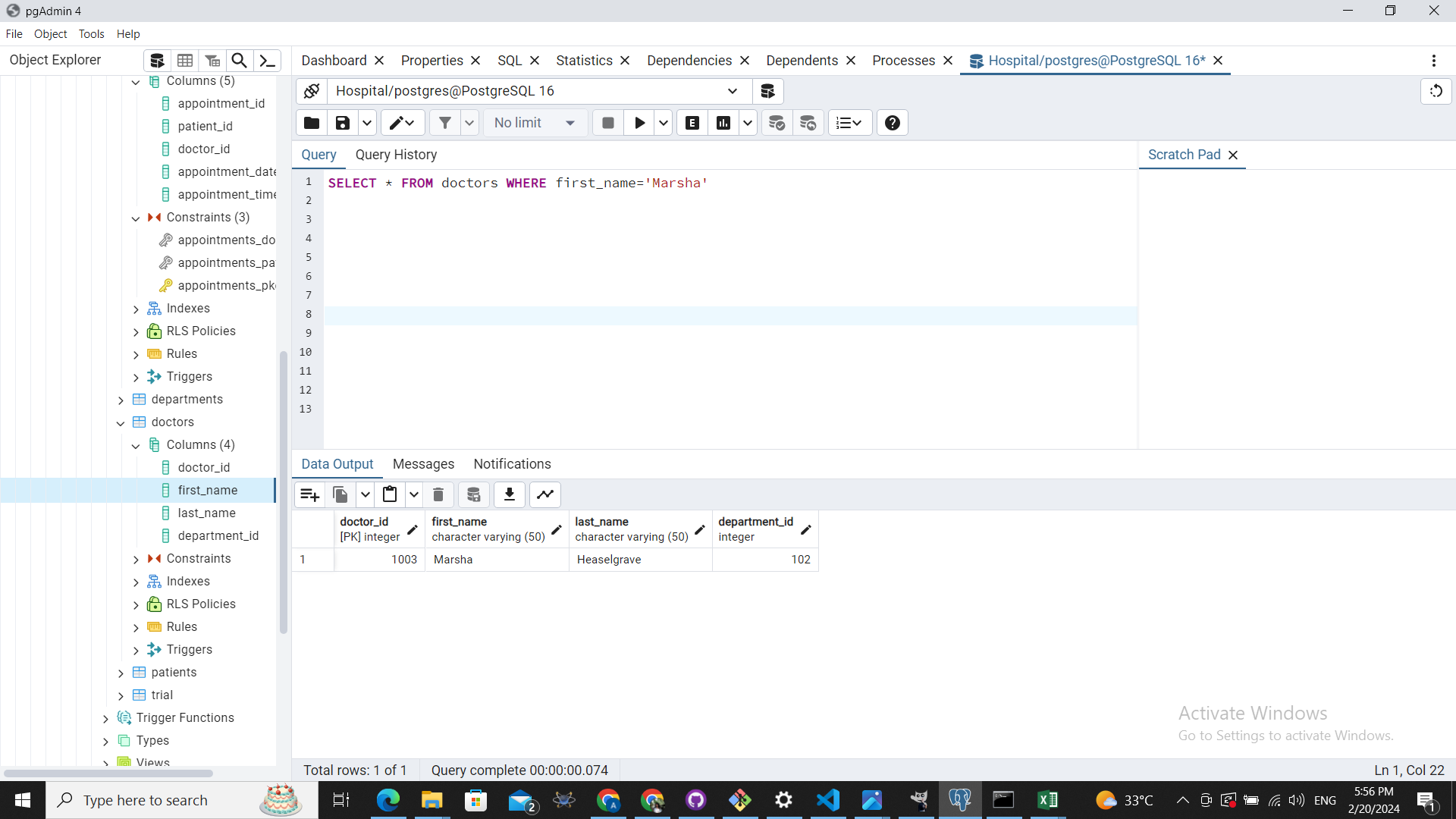
**COPY patients (patient\_id, first\_name, last\_name, date\_of\_birth, gender, address) FROM 'C:\patientdata.csv' DELIMITER ',' CSV HEADER;**

**COPY appointments (appointment\_id, patient\_id, doctor\_id, appointment\_date, appointment\_time) FROM 'C:\appdata2.csv' DELIMITER ',' CSV HEADER;**

**5.**

****

****

****

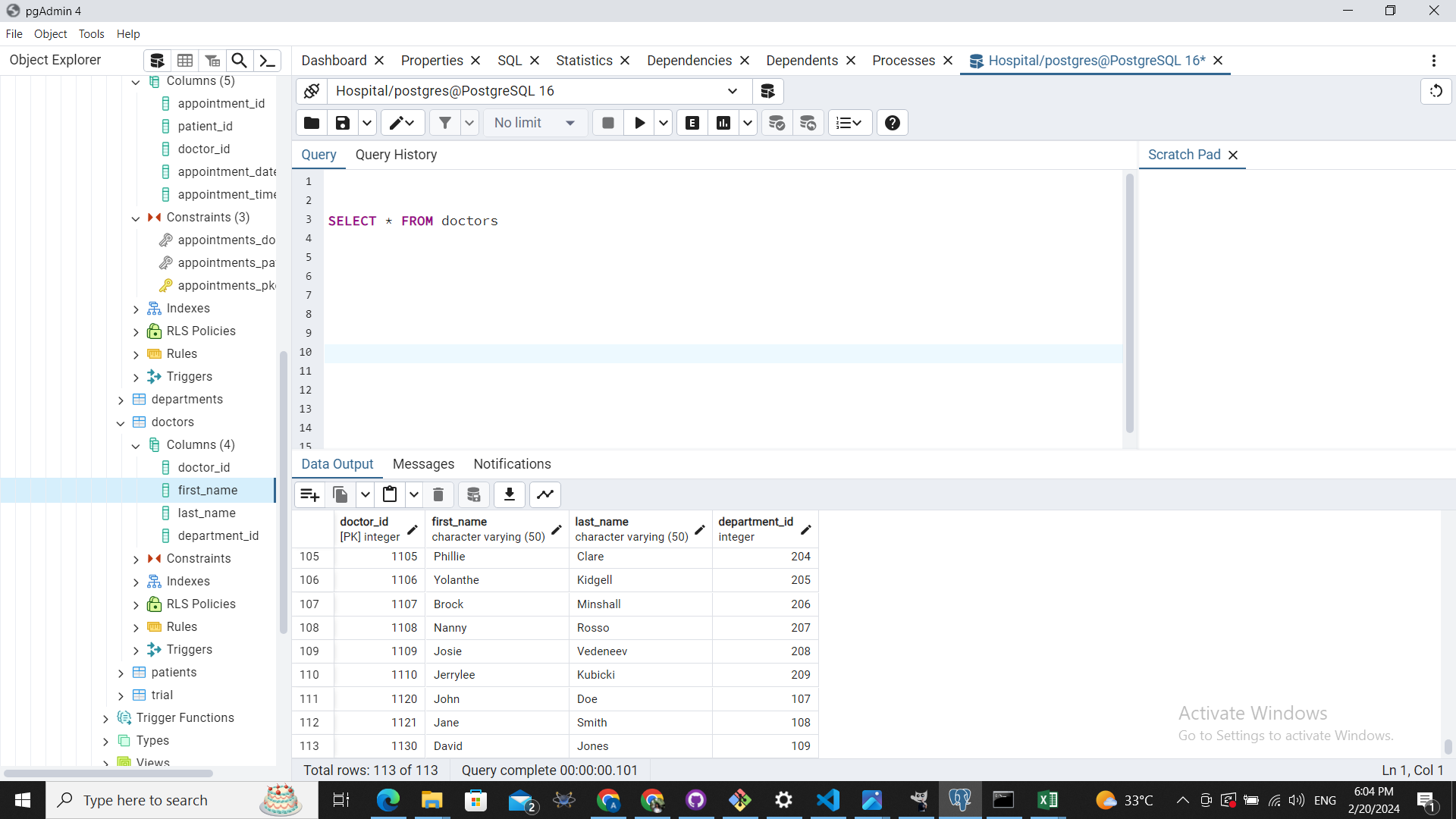
**6.**

**INSERT INTO doctors (doctor\_id, first\_name, last\_name, department\_id) VALUES**

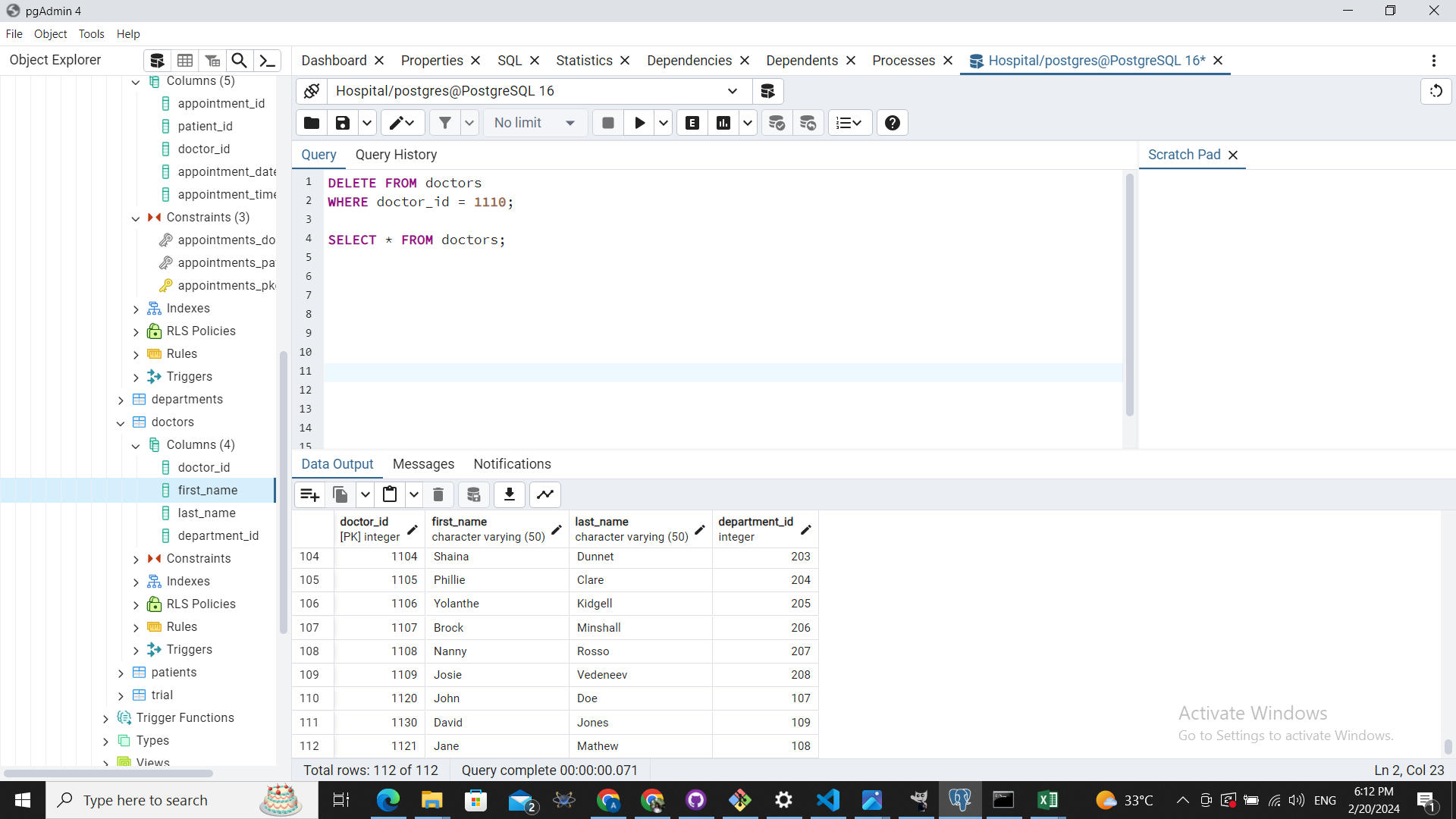
**(1120, 'John', 'Doe', 107),**

**(1121, 'Jane', 'Smith', 108),**

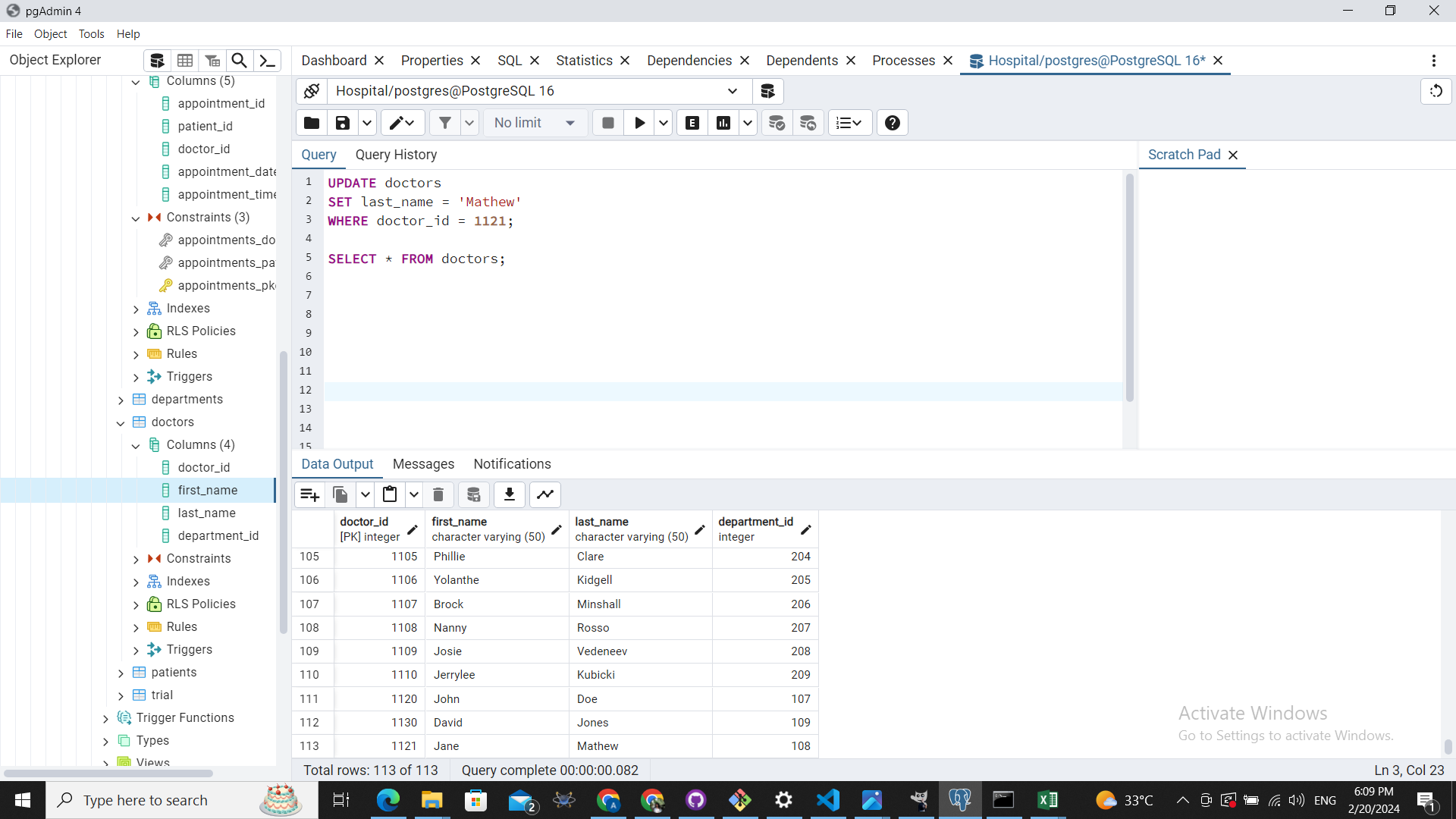
**(1130, 'David', 'Jones', 109);**

****

**7.**

****

**8.**

****