**PART-2**

**CREATE TABLES**

CREATE TABLE GymLocation(

    locationid NUMERIC(3) PRIMARY KEY,

    locationname VARCHAR(30),

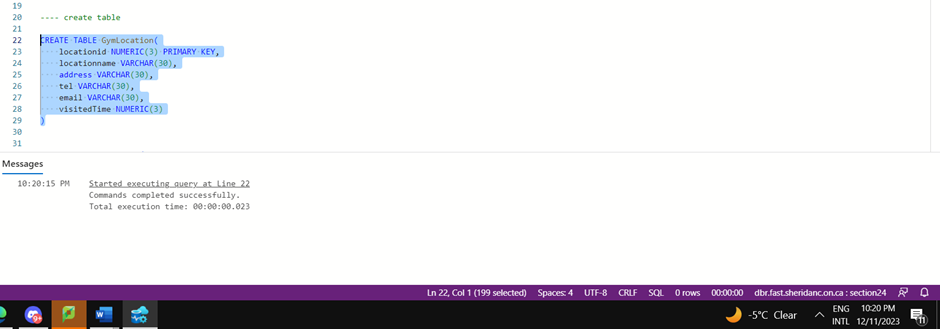
    address VARCHAR(30),

    tel VARCHAR(30),

    email VARCHAR(30),

    visitedTime NUMERIC(3)

)

****

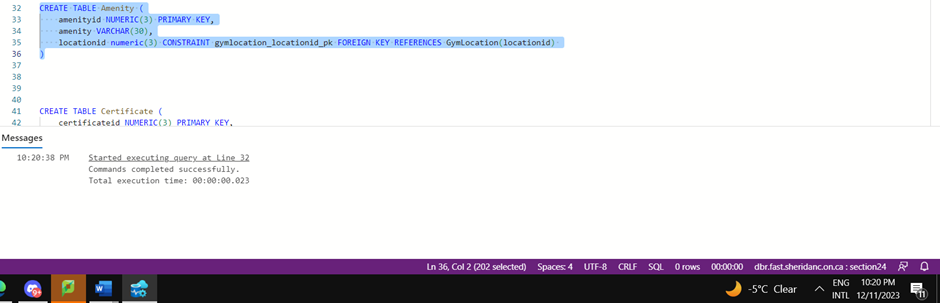
CREATE TABLE Amenity (

    amenityid NUMERIC(3) PRIMARY KEY,

    amenity VARCHAR(30),

    locationid numeric(3) CONSTRAINT gymlocation\_locationid\_pk FOREIGN KEY REFERENCES GymLocation(locationid)

)

****

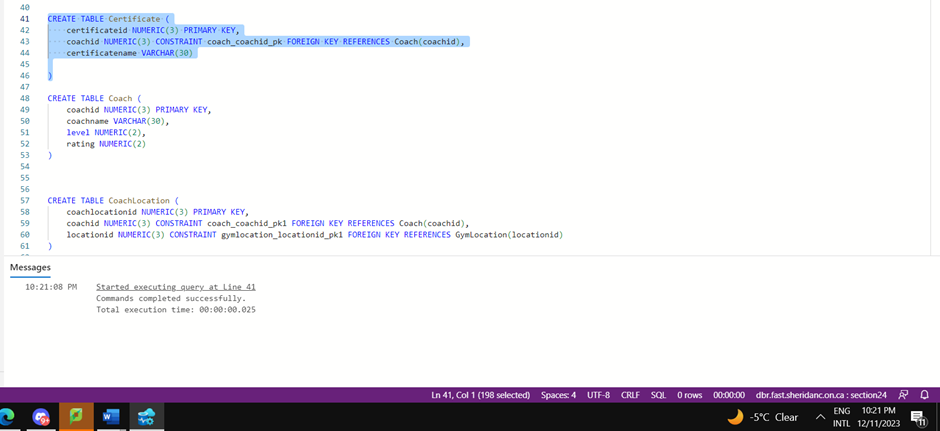
CREATE TABLE Certificate (

    certificateid NUMERIC(3) PRIMARY KEY,

    coachid NUMERIC(3) CONSTRAINT coach\_coachid\_pk FOREIGN KEY REFERENCES Coach(coachid),

    certificatename VARCHAR(30)

)

****

CREATE TABLE Coach (

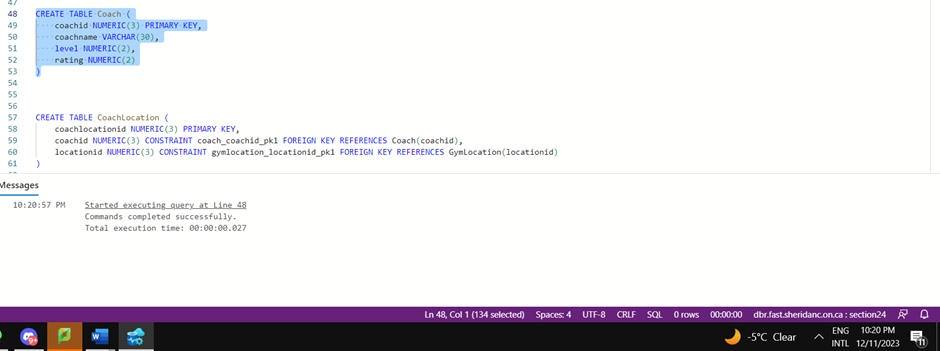
    coachid NUMERIC(3) PRIMARY KEY,

    coachname VARCHAR(30),

    level NUMERIC(2),

    rating NUMERIC(2)

)

****

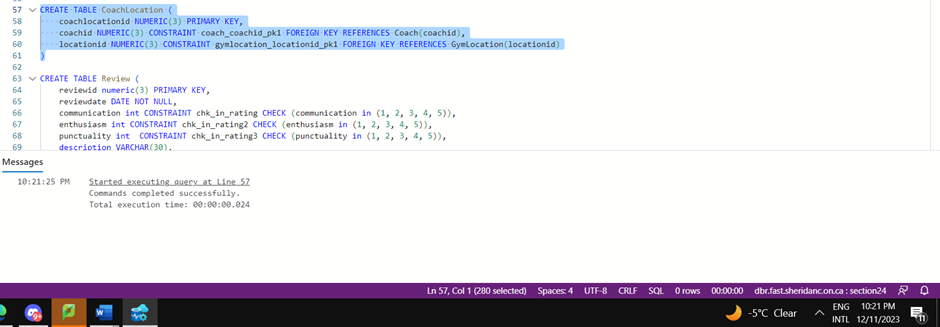
CREATE TABLE CoachLocation (

    coachlocationid NUMERIC(3) PRIMARY KEY,

    coachid NUMERIC(3) CONSTRAINT coach\_coachid\_pk1 FOREIGN KEY REFERENCES Coach(coachid),

    locationid NUMERIC(3) CONSTRAINT gymlocation\_locationid\_pk1 FOREIGN KEY REFERENCES GymLocation(locationid)

)

****

CREATE TABLE Review (

    reviewid numeric(3) PRIMARY KEY,

    reviewdate DATE NOT NULL,

    communication int CONSTRAINT chk\_in\_rating CHECK (communication in (1, 2, 3, 4, 5)),

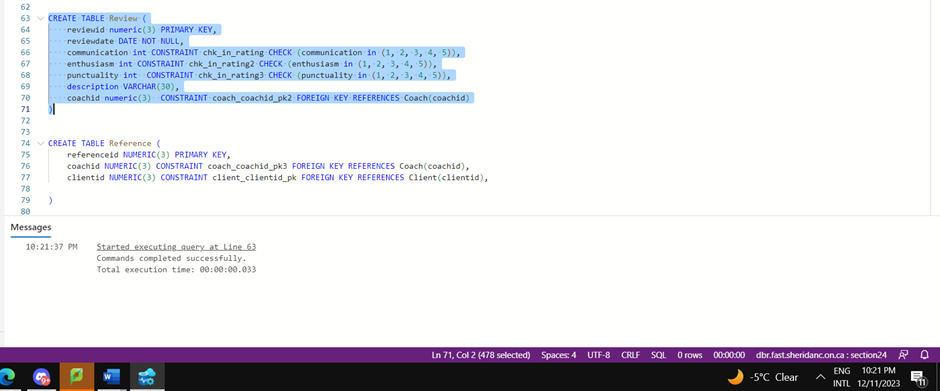
    enthusiasm int CONSTRAINT chk\_in\_rating2 CHECK (enthusiasm in (1, 2, 3, 4, 5)),

    punctuality int  CONSTRAINT chk\_in\_rating3 CHECK (punctuality in (1, 2, 3, 4, 5)),

    description VARCHAR(30),

    coachid numeric(3)  CONSTRAINT coach\_coachid\_pk2 FOREIGN KEY REFERENCES Coach(coachid)

)

****

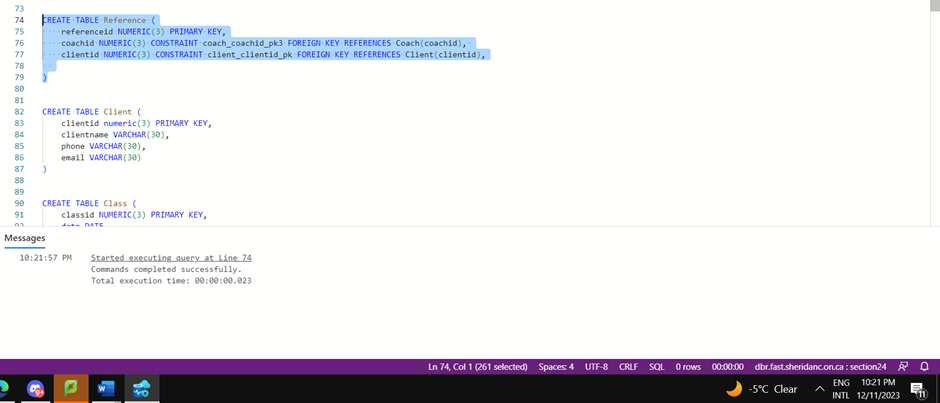
CREATE TABLE Reference (

    referenceid NUMERIC(3) PRIMARY KEY,

    coachid NUMERIC(3) CONSTRAINT coach\_coachid\_pk3 FOREIGN KEY REFERENCES Coach(coachid),

    clientid NUMERIC(3) CONSTRAINT client\_clientid\_pk FOREIGN KEY REFERENCES Client(clientid),

)

****

CREATE TABLE Client (

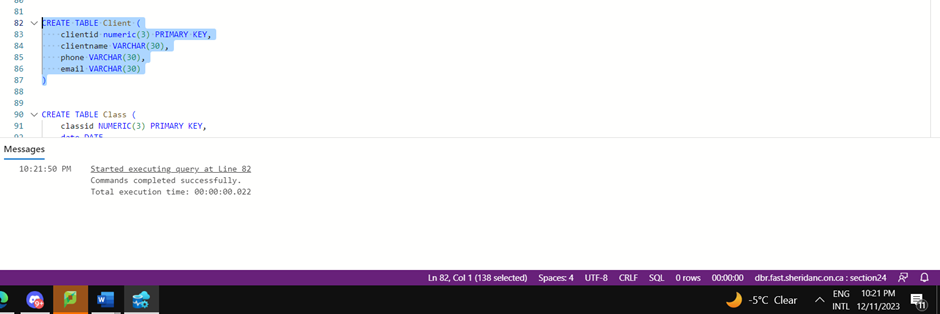
    clientid numeric(3) PRIMARY KEY,

    clientname VARCHAR(30),

    phone VARCHAR(30),

    email VARCHAR(30)

)

****

CREATE TABLE Class (

    classid NUMERIC(3) PRIMARY KEY,

    date DATE,

    time TIME,

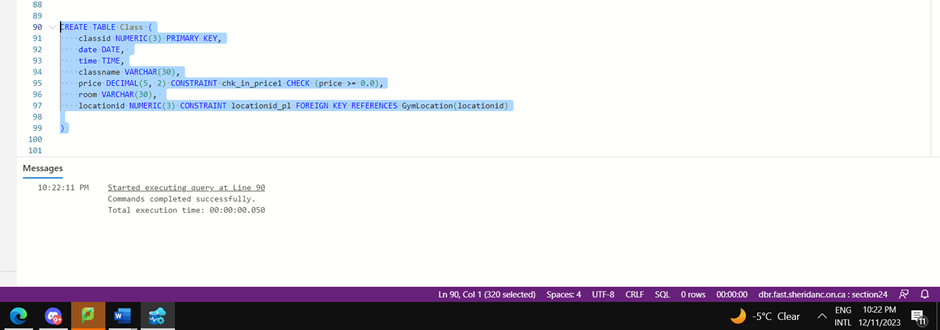
    classname VARCHAR(30),

    price DECIMAL(5, 2) CONSTRAINT chk\_in\_price1 CHECK (price >= 0.0),

    room VARCHAR(30),

    locationid NUMERIC(3) CONSTRAINT locationid\_pl FOREIGN KEY REFERENCES GymLocation(locationid)

)

****

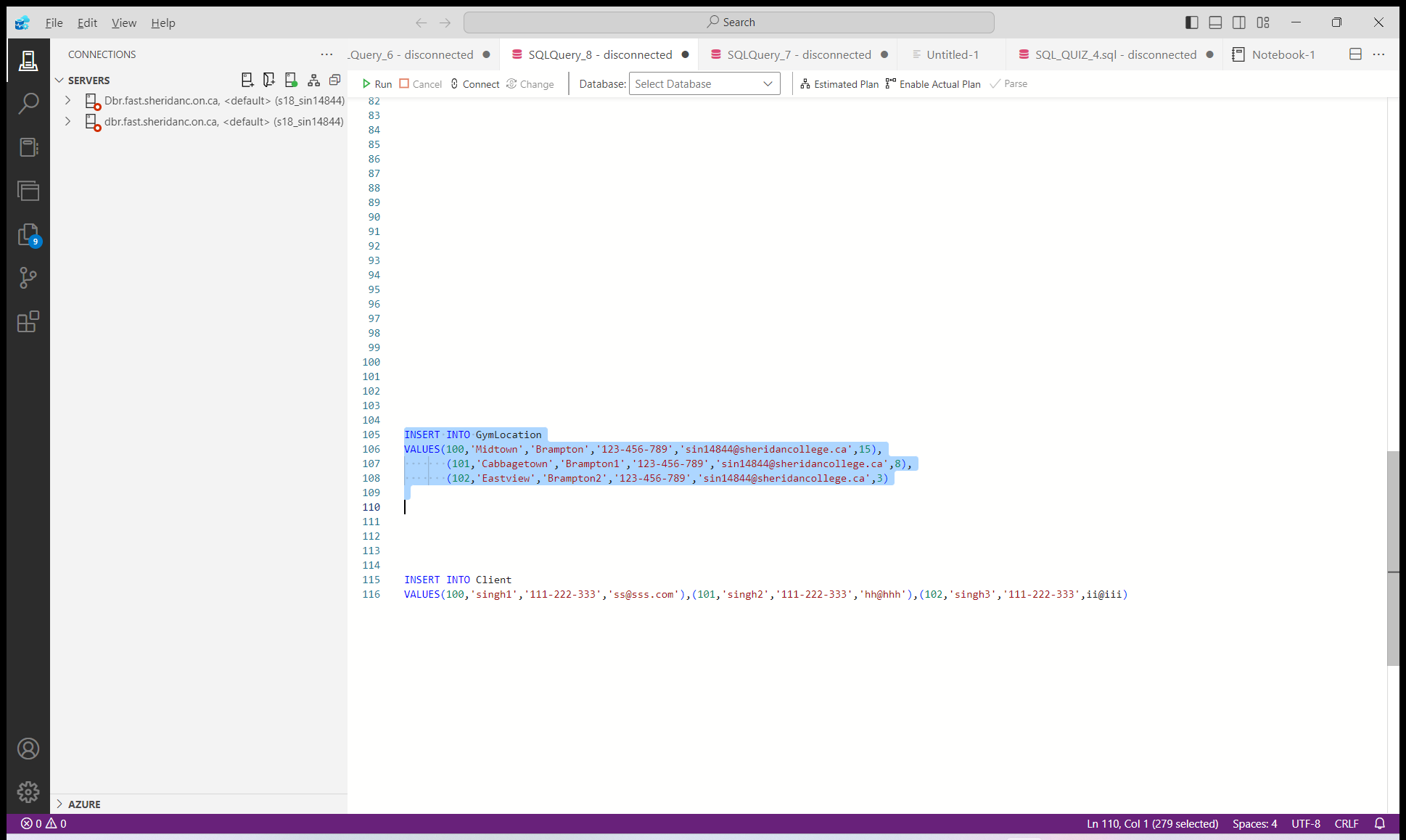
**INSERT ROWS**

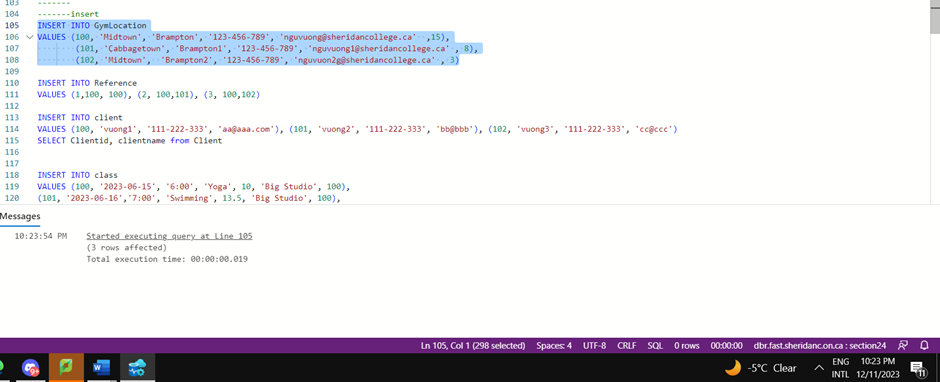
INSERT INTO GymLocation

VALUES(100,'Midtown','Brampton','123-456-789','sin14844@sheridancollege.ca',15),

       (101,'Cabbagetown','Brampton1','123-456-789','sin14844@sheridancollege.ca',8),

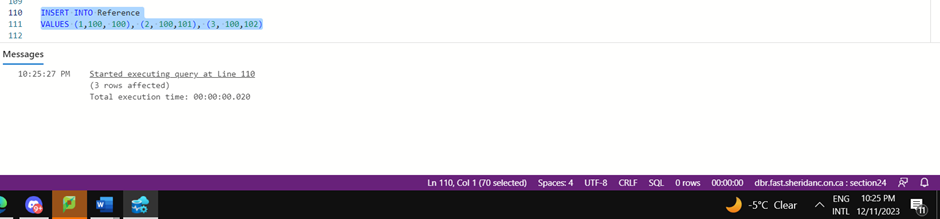
       (102,'Eastview','Brampton2','123-456-789','sin14844@sheridancollege.ca',3)

****

****

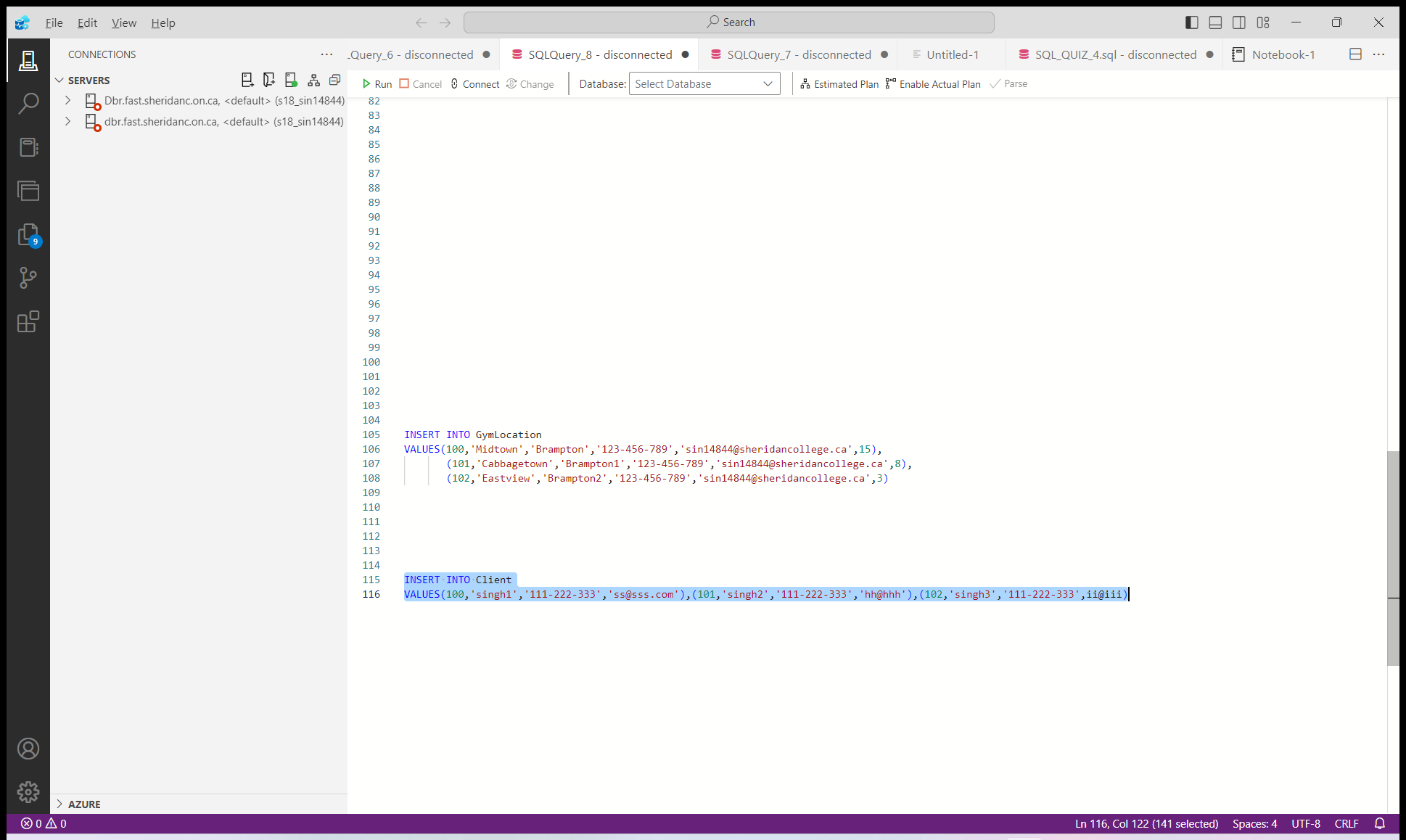
INSERT INTO Reference

VALUES (1,100, 100), (2, 100,101), (3, 100,102)

****

INSERT INTO Client

VALUES(100,'singh1','111-222-333','ss@sss.com'),(101,'singh2','111-222-333','hh@hhh'),(102,'singh3','111-222-333',ii@iii)

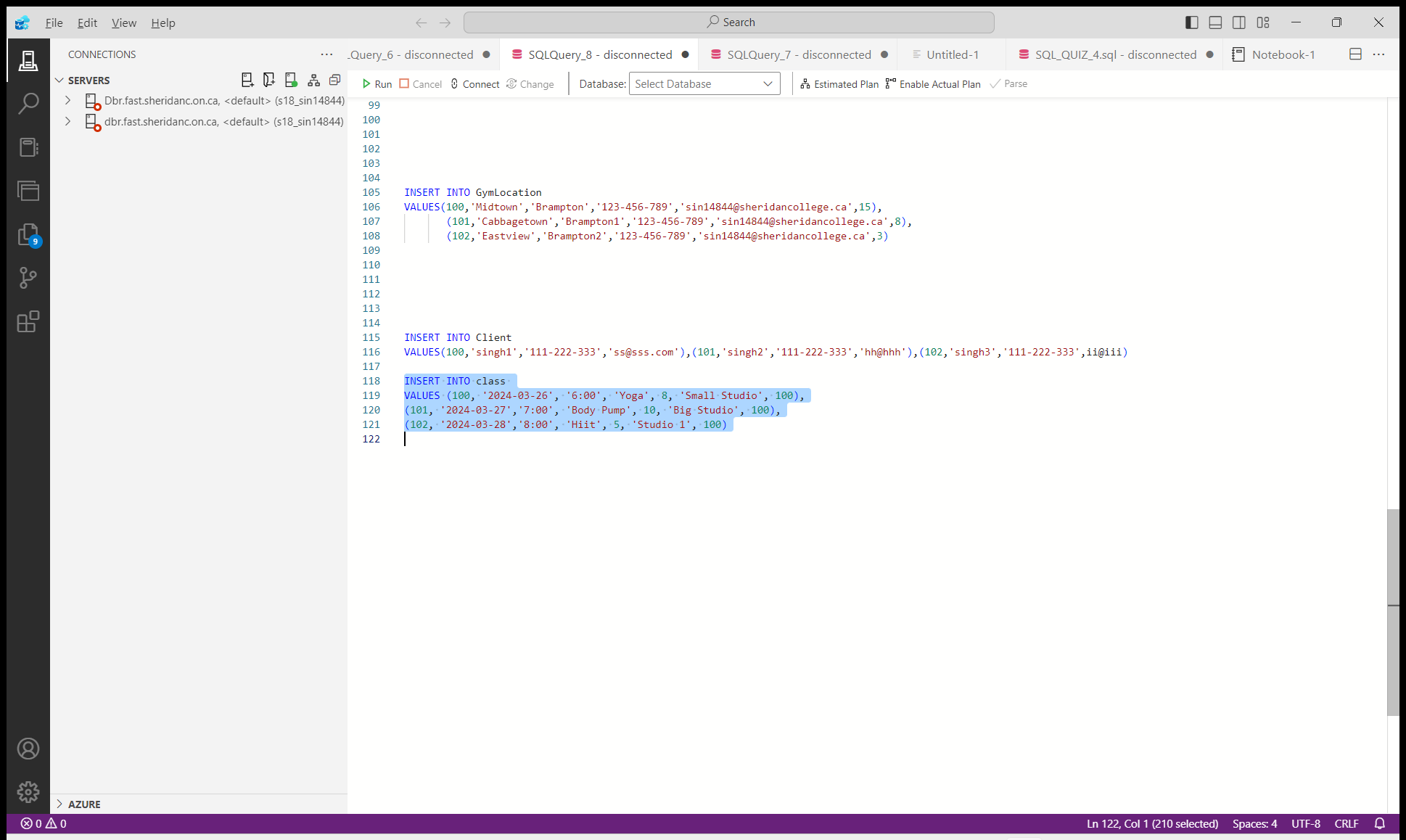


INSERT INTO class

VALUES (100, '2024-03-26', '6:00', 'Yoga', 8, 'Small Studio', 100),

(101, '2024-03-27','7:00', 'Body Pump', 10, 'Big Studio', 100),

(102, '2024-03-28','8:00', 'Hiit', 5, 'Studio 1', 100)

****

****

INSERT INTO Review

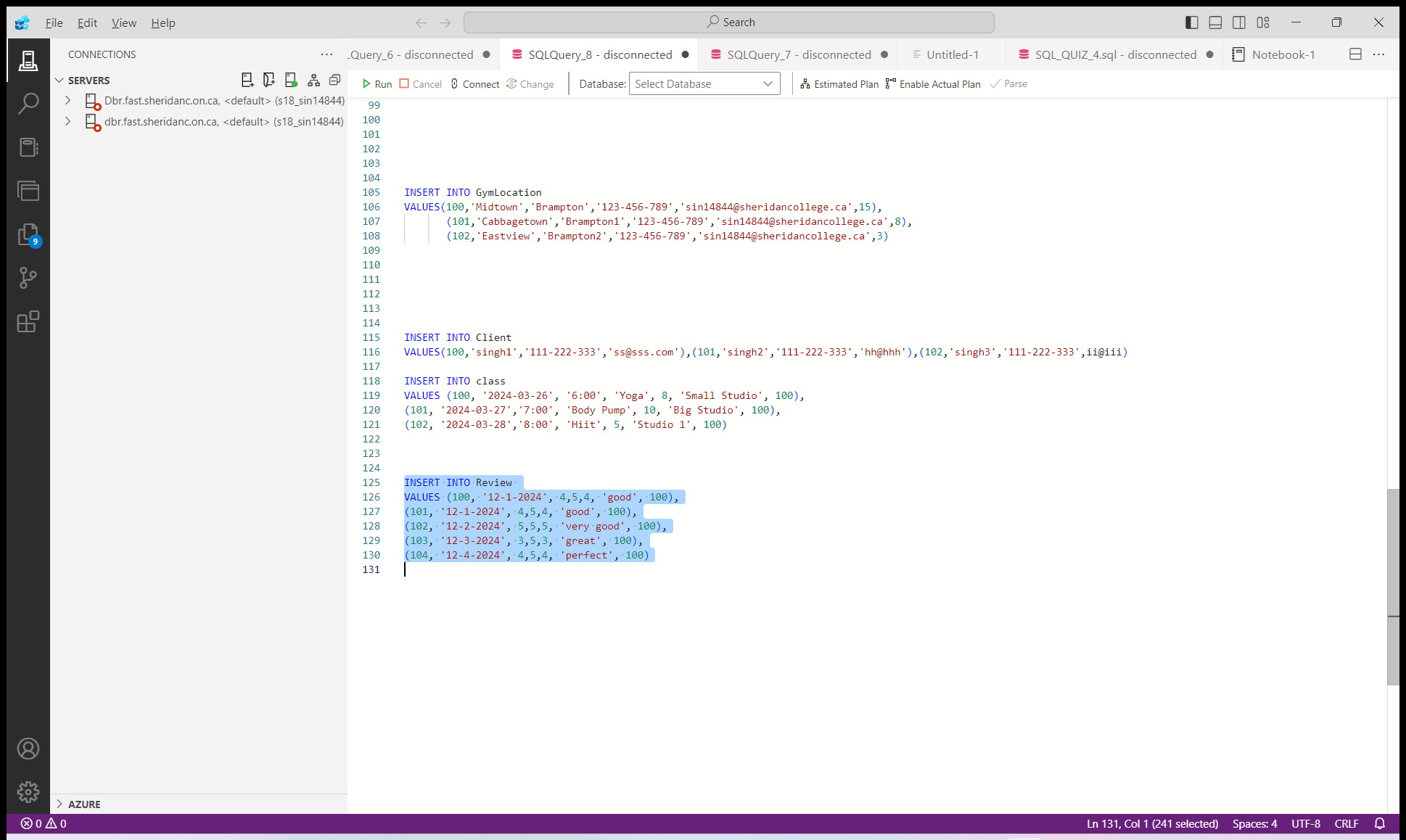
VALUES (100, '12-1-2024', 4,5,4, 'good', 100),

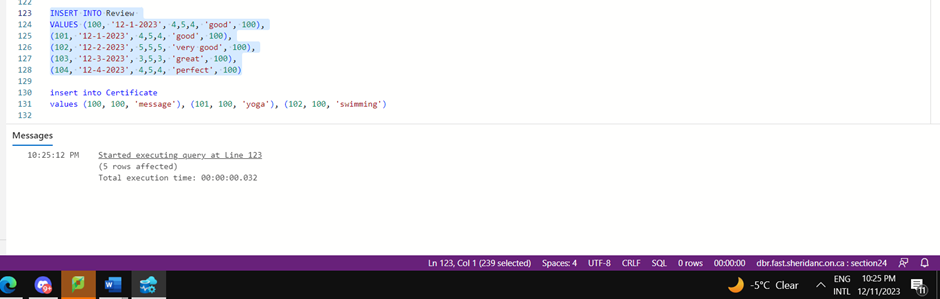
(101, '12-1-2024', 4,5,4, 'good', 100),

(102, '12-2-2024', 5,5,5, 'very good', 100),

(103, '12-3-2024', 3,5,3, 'great', 100),

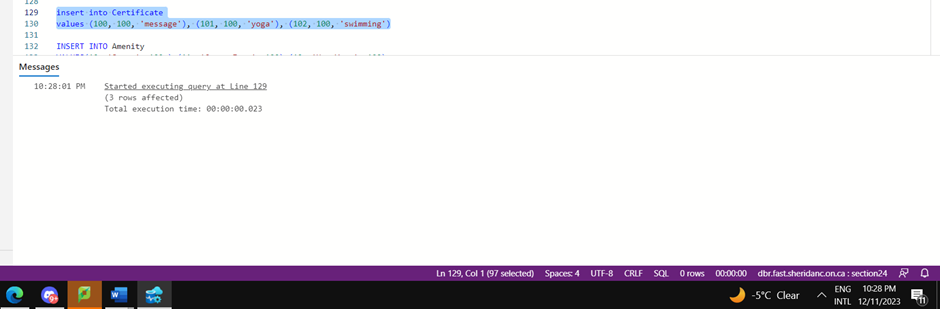
(104, '12-4-2024', 4,5,4, 'perfect', 100)

****

****

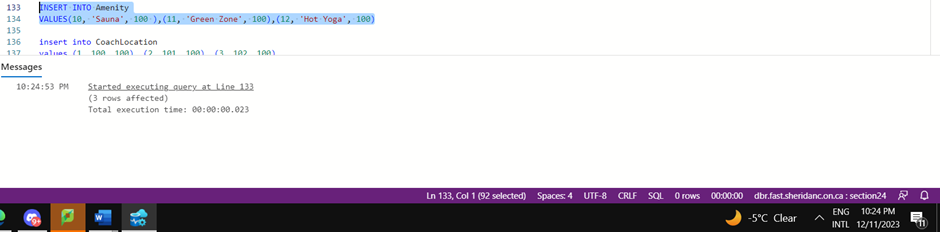
insert into Certificate

values (100, 100, 'message'), (101, 100, 'yoga'), (102, 100, 'swimming')

****

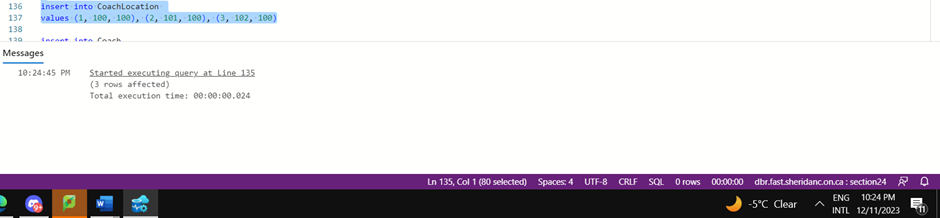
INSERT INTO Amenity

VALUES(10, 'Sauna', 100 ),(11, 'Green Zone', 100),(12, 'Hot Yoga', 100)

****

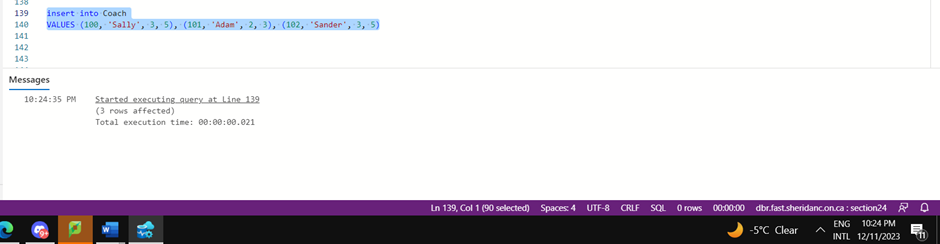
insert into CoachLocation

values (1, 100, 100), (2, 101, 100), (3, 102, 100)

****

insert into Coach

VALUES (100, 'Sally', 3, 5), (101, 'Sayed', 2, 3), (102, 'Layla', 3, 5)

****