**Week 6 Module 8.2 Assignment Movies: Update & Deletes**

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CSD310-H323 Database Development and Use (2255-DD)

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Module 8.2 Assignment Movies: Update & Deletes

Git Hub repository Link:

<https://github.com/Juan551School/csd-310>

Code from Python Program

# Juan Macias Vasquez

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# Module 8.2 Movies:Update & Deletes

# movies\_update\_and\_delete.py

import mysql.connector

def show\_films(cursor, title):

# SQL query to get film name, director, genre, and studio

query = """

SELECT film\_name AS Name,

film\_director AS Director,

genre\_name AS Genre,

studio\_name AS 'Studio Name'

FROM film

INNER JOIN genre ON film.genre\_id = genre.genre\_id

INNER JOIN studio ON film.studio\_id = studio.studio\_id;

"""

cursor.execute(query)

films = cursor.fetchall()

print("\n\t-- {} --\n".format(title))

for film in films:

print("Film Name: {}\nDirector: {}\nGenre Name ID: {}\nStudio Name: {}\n".format(

film[0], film[1], film[2], film[3]))

# Connect to MySQL database

db = mysql.connector.connect(

user="root",

password="Powerful@2025",

host="localhost",

database="movies"

)

cursor = db.cursor()

# Step 5: Initial film display

show\_films(cursor, "DISPLAYING FILMS")

# Step 6: Insert Star Wars (assuming studio\_id=2 (20th Century Fox), genre\_id=1 (SciFi))

cursor.execute("""

INSERT INTO film (film\_name, film\_releaseDate, film\_runtime, film\_director, studio\_id, genre\_id)

VALUES (%s, %s, %s, %s, %s, %s)

""", ("Star Wars", "1977", 121, "George Lucas", 2, 1))

db.commit()

# Step 7: Show films after insert

show\_films(cursor, "DISPLAYING FILMS AFTER INSERT")

# Step 8: Update Alien to Horror (genre\_id=3 assumed for Horror)

cursor.execute("""

UPDATE film SET genre\_id = 3 WHERE film\_name = 'Alien';

""")

db.commit()

# Step 9: Show films after update

show\_films(cursor, "DISPLAYING FILMS AFTER UPDATE- Changed Alien to Horror")

# Step 10: Delete Gladiator

cursor.execute("""

DELETE FROM film WHERE film\_name = 'Gladiator';

""")

db.commit()

# Step 11: Show films after delete

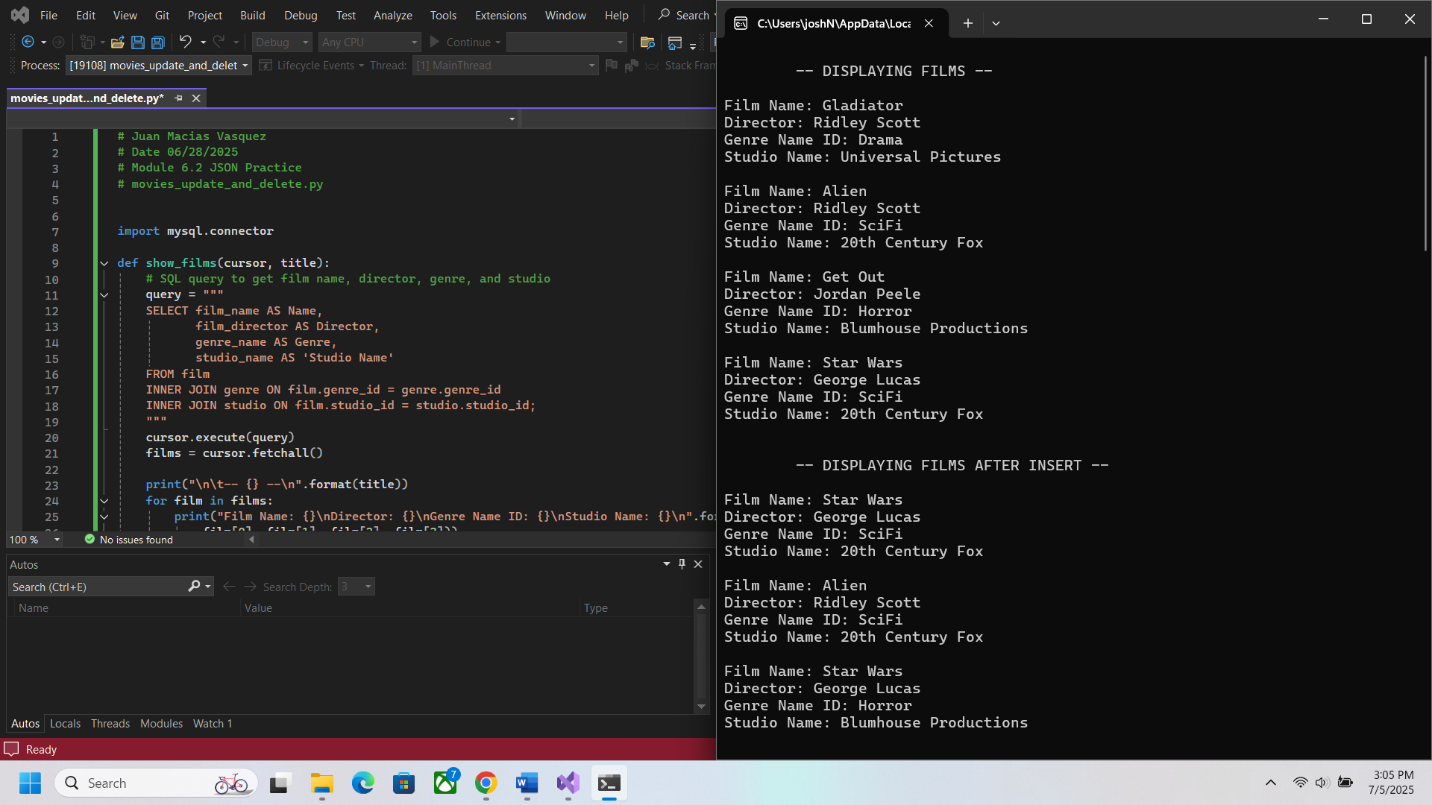
show\_films(cursor, "DISPLAYING FILMS AFTER DELETE")

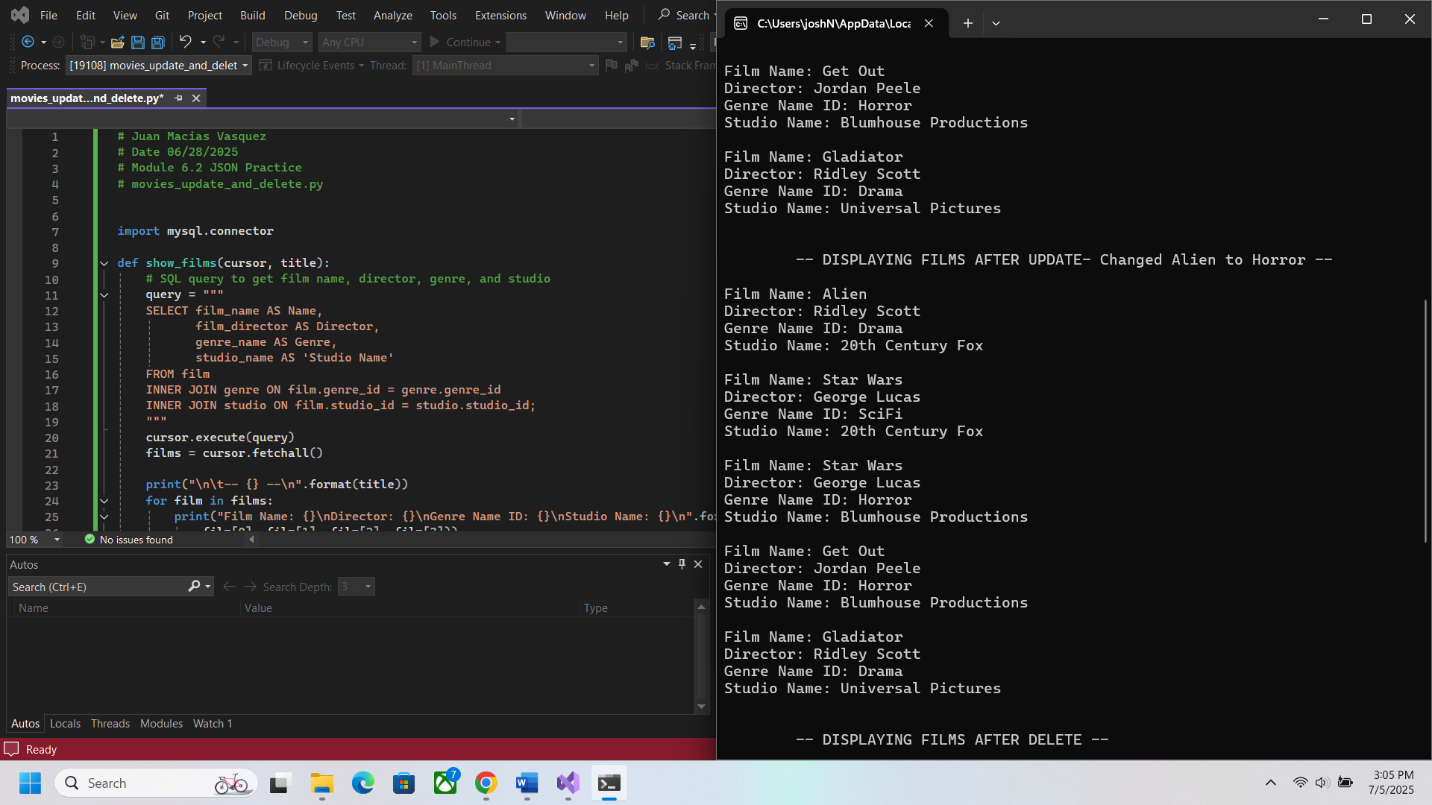
# Clean up

cursor.close()

db.close()

Pictures of Code Running





Issues after running the program again it keeps adding more Star Wars Data

