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CSD 310 Module 7.2 Assignment

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###### **Assignment: Movies: Table Queries**

For this assignment, you will be learning how to query MySQL database tables through the terminal window and a Python program.

MySQL CLI: Select Query

SELECT <column\_name>, <column\_name> FROM <table\_name>;

Example:

SELECT f\_name, l\_name, email FROM employee;

Python Scipt Cursor Example:

cursor = db.cursor()

cursor.execute(“SELECT f\_name, l\_name, email FROM employee”) -- selecting three fields

employees = cursor.fetchall()

for employee in employees:

print(“First Name: {}\n Last Name:{}\n Email:{}\n”.format(employee[0], employee[1], employee[2])) -- three fields

**Instructions**

* Create a new file under the **module\_7 directory** and name it **movies\_queries.py**.
* Write the code to connect to your MySQL movies database.
  + Refer to the previous assignment for code structure.
  + You can basically copy/paste the code we used in the previous assignment, assuming you were able to get it to work.
* Write four queries, in one Python file.The output from your queries should match the example below, including descriptions of output and format.
  + The first and second query is to select all the fields for the studio and genre tables.
  + The third query is to select the movie names for those movies that have a run time of less than two hours.
  + The fourth query is to get a list of film names, and directors ordered by director.
* Run the script and take a screenshot of the results. Copy screenshot into a Word document.

###### **GitHub**

* Stage, commit, and push your work to GitHub.

###### **Deliverables**

* Link to your GitHub repository.
* Word document with your name and screenshot of the results.
* movies\_queries.py.

