# INT 2080 Lab 3 (100 marks)

**Question 1 : Run scripts in MySQL commandline (20 marks)**

    a.   Download the script from Week 3 content folder

    b.   Unzip the file to extract the script

    c.   Launch MySQL from command line

    d.   Run command "tee  week3.log" to log your activities

    e.   Run the script and take screenshots of the steps

    f.   What are the precautions that must be taken while running a script from the MySQL commandline?

**Attach the logfile created in 1d and screenshots created from 1d and 1e to your submission.**

**Question 2: Using MySQL commandline, write querries to answer the following questions.**

    a.   Run a querry to show the structure of the "Customers" table.

    b.   How many customers live in Texas (TX)?

    c.   On publisher table, update "PubID" to 2000 where the publisher name does not start with letter "S".

    d.   Add a new column (Pub_Email) to the table Publisher.

    e.   Update the new column (Pub_Email) with random email addresses. Be sure that all records have an email address.

    f.   Delete the column "Fname" from table Author.

    g.   Print all values available on Author table where "Lname" is "WHITE".

**Question 3: Working with Tables.**

    a.   Run command to create a duplicate of the "Customers" table. Take screenshot.
        List 2 reasons for duplicating a table.

    b.   Run a command to truncate table "Author". Take screenshot.
        What is the difference between a truncate and a drop table command?

c. Create a new column "Publisher_SSN" on the Publisher table. Ensure that the column has auto_increment. Take screenshot.

What is auto_increment and how useful is it to a database administrator?

NOTE:

- Insert all screenshots in a MS Word or similar document and convert to pdf
- All screenshots must be full screen showing dates on the taskbar
- Attach all logs to your submission
- Answer all questions