Assignment 7-Database Design II (3% of total grade)

Format: Upload the blank SQL file
BE SURE TO PUT YOUR NAME IN THE FILENAME:
e.g. DB-Assign_7-DatabaseDesign-YOURNAME-21F.sql

Purpose: To practice database design by using basic Data Manipulation Language (DML) and DDL Data Definition Language statements to interact with a relational databased.

Requirements: For this assignment, you will use the provided DB-Assign_7-DatabaseDesign-YOURNAME-23F.sql file.

Part 1: Create a database (1%)
From Assignment 5, **Part 3: Log the Blog Schema** where you were asked to create a database schema for a video games blog with multiple blog authors with **5 columns** for the authors table, and **5 columns** for the posts tables. In addition, you were asked to specify data types for each column and identify primary or foreign keys. Using this database schema, your task is to:

(1) create a database using a DDL command and specify the data type (auto-increment, primary key, VARCHAR(), INT() etc).
(2) Write SQL statement to insert at least 3 records into each of your tables.

Part 2: Table Creation (1%)
   A. Write a SQL statement to create a new table called "Comments" with at least 2 columns and specify the relationship between the tables as well as any constraints (i.e. primary key, foreign key, auto-increment)
   B. Write a SQL statement to insert data into the "Comments" table. All rows must be filled with data.

Part 3: Update and Delete (1%)
   A. Update the "comments" table by adding a new column to the "Comments" table called "comment_date" with appropriate datatype and fill in with data (at least 3).
   B. Delete the first 2 rows from the Authors table and any corresponding data from the Posts table (Hint: Use a JOIN).