Reading. Read the `WEEK #5 and #6` chapter in ZyBooks and complete all of the corresponding reading "*activities*". Note that only readings that begin with `WEEK #`n are ready for reading.

Technical Work. Do the following steps below. Note that you must place all SQL commands in a `hw4.sql` script file as opposed to writing everything by hand directly within the MariaDB shell. You must also include comments in your script file, including a file header comment (with your name, the course, assignment number, and brief description), comments for each table, and comments for attributes as needed.

1. Use SQL to create the tables you defined in HW 3. You should "implement" the tables within MariaDB. When defining your tables with SQL, pick appropriate data types and basic constraints (e.g., key, foreign key, and not null). All of your create table statements must go into your `hw4.sql` script file along with the appropriate drop table statements.

2. Use SQL insert statements to populate your tables. Your tables should contain enough rows to highlight/emphasize the various constraints implied by your schema (e.g., keys, foreign keys, one-to-many relationships, and many-to-many relationships). Note that you may need to modify your schema from HW-3 as you do this step (e.g., if you find some issues with the way you have defined your tables). If you do need to modify your tables, describe the modifications needed in your assignment discussion. All of your insert statements must go in your `hw4.sql` script file.

3. Create a document that contains: (a) the content of your tables as shown by MariaDB using `SELECT * FROM tablename` (for each table in your schema); (b) a discussion of any changes you had to make to your tables from HW-3; and (c) any challenges or issues you had in using MariaDB and/or creating your tables and how you addressed them. Not that you can include the select statements at the bottom of your `hw4.sql` file if you like. Note that part (a) should be provided as a "screen shot" (although it is fine to copy and paste the output of MariaDB for this step), which also serves as evidence that your script works (i.e., your SQL commands work) without any errors or warnings.

4. Submit your `hw4.sql` script as well as your document in step 3 using your GitHub classroom repository for the assignment. Note that I will only grade your document if it is submitted as a PDF file.