Part 1: Reading Assignment. Read the following sections in the textbook and use the MariaDB page as a reference as needed. There is no reading homework this week.

- Ch. 2: 2.5
- Ch. 3: 3.3
- MariaDB comparison operators page: mariadb.com/kb/en/the-mariadb-library/comparison-operators/

Part 2: Query Implementation. Use SQL to write the following queries against the tables you created and populated in HW 2. Note that you may need to redesign your tables and/or add more rows so that each query returns at least two results. For each of the queries below, pick specific values to use from your tables in place of a “specific year”, a “particular funding stage”, a “particular area”, and so on. *Note that your queries should be written to be generic, i.e., they should work with any possible instance and not just for the particular example instances you define.*

1. Find the name and location (US city) of all companies founded in a specific year.
2. Find all companies in a particular area. An area is just a tag like “Retail”, “Mobile”, “Education”, “Advertising”, “Games”, and so on. Note that any particular company can be associated with one or more areas.
3. Find all of the companies that an individual has been a founder of. For each such company, find the position they held as founder and the year they left the company (if they have left).
4. Find all of the employees of a company within a range of years (e.g., between 2012 and 2016). For each employee, find the employee’s name and the position they last held in the company.
5. Find the names of all the individuals stored in the database based on the name of the last school they attended. For each individual, find their name and the last degree they earned at the school.
6. For a particular company, find all of the individuals that have invested in the company and the amount and year of the investments.
7. For a particular company, find all of the companies (e.g., venture-capital firms) that have invested in the company and the amount and year of the investments.
8. Find all of the areas of the companies that a particular individual has worked for.
9. Find the names of all of the companies in at least two different areas.
10. Find pairs of employees that worked at the same company together. For each pair, give the names of both employees and the name of the company they worked at together.

As in HW2, create a script file that contains SQL statements to create and populate your tables. Also include each of the SQL queries in your script as well (after tables are created and populated). **Turn in** a hard copy print out of your SQL script as well as hard copy showing your SQL queries work. In addition, use the online submission system to upload your SQL script under Homework 3. Be sure to attach an assignment cover page to your hard copy printout.