**Assignment 5**

**Queries on the movieRating database:**

1. For all cases where the same reviewer rated the same movie twice and gave it a higher rating the second time, return the reviewer's name and the title of the movie.

|  |  |
| --- | --- |
| Sarah Martinez | Gone with the Wind |

1. For any rating where the reviewer is the same as the director of the movie, return the reviewer name, movie title, and number of stars.

|  |  |  |
| --- | --- | --- |
| James Cameron | Avatar | 5 |

1. For all pairs of reviewers such that both reviewers gave a rating to the same movie, return the names of both reviewers. Eliminate duplicates, don't pair reviewers with themselves, and include each pair only once. For each pair, return the names in the pair in alphabetical order.

|  |
| --- |
| Ashley White Chris Jackson  Brittany Harris Chris Jackson  Daniel Lewis Elizabeth Thomas  Elizabeth Thomas James Cameron  Mike Anderson Sarah Martinez |

**For more practice:**

1. Go to the following link: <https://lagunita.stanford.edu/courses/DB/SQL/SelfPaced/courseware/ch-sql/seq-exercise-sql_social_query_core/>
2. Read the instructions carefully.
3. Download the schema and data (social.sql).
4. Create a new database named **socialNetwork** and run the script to load the schema and data.

Write SQL statements for the following:

1. Find the names of all students who are friends with someone named Gabriel.

|  |
| --- |
| Alexis  Andrew  Cassandra  Jessica  Jordan |

1. For every student who likes someone 2 or more grades younger than themselves, return that student's name and grade, and the name and grade of the student they like.

|  |
| --- |
| John 12 Haley 10 |

1. For every pair of students who both like each other, return the name and grade of both students. Include each pair only once, with the two names in alphabetical order.

|  |
| --- |
| Cassandra 9 Gabriel 9  Jessica 11 Kyle 12 |

*Note: Go to the above mentioned link and write SQL statements for the given queries to further hone your skills. (Optional)*