Homework

1. (*Social_network*) For every situation where student A likes student B, but student B likes a different student C, return the names and grades of A, B, and C.

2. (*Social_network*) Find those students for whom all of their friends are in different grades from themselves. Return the students' names and grades.

3. (*Social_network*) Find the number of students who are either friends with Cassandra or are friends of friends of Cassandra. Do not count Cassandra, even though technically she is a friend of a friend.

4. (*Social_network*) For each student A who likes a student B where the two are not friends, find if they have a friend C in common (who can introduce them!). For all such trios, return the name and grade of A, B, and C.

Aggregation (group by + Having)

1. Find a table of mIDs and maximum rating they got.

2. Find a table titles and avarage rating they got if the minimum rating is 3 stars.

3. List movie titles and average ratings, from highest-rated to lowest-rated. If two or more movies have the same average rating, list them in alphabetical order.

4. Find names and grades of students who only have friends in the same grade. Return the result sorted by grade, then by name within each grade.

5. Find the names of all reviewers who have contributed three or more ratings. (As an extra challenge, try writing the query without HAVING or without COUNT.)

6. Find the name and grade of the student(s) with the greatest number of friends.

7. Find the title of moves rated by at least three reviewers with the avarage of stars that they got.