

CSCI 4380 Spring 2018 Quiz 3 [Time: 25 minutes]

Name 1:	RCS ID1:
Name 2:	RCS ID2:
Name 3:	RCS ID3:

Rules.

- Open book and notes. Do not use any electronic tools including your computer.
- You can talk to anyone in class. If you know the answer, help someone else in class.
- Each quiz must be by at least two and at most three people. Most quizzes should be by three people, so find someone to talk to. Put your name on one quiz only.

Question (25 points). The following is a database of heroes in movies and TV shows. For shows that are still ongoing, the endyear is null. All other attributes must have a value. Universe for shows, movies and heroes is either Marvel or DC. You can shorten `heroesintvshow` to `ht` and `heroesinmovie` to `hm` in your queries.

`TVShows(id, name, tvchannel, startyear, endyear, universe)`

`Movies(id, name, year, gross, universe)`

`Heroes(id, name, realname, universe)`

`Actors(id, name, dob)`

`HeroesInTVShow(id, hero_id, show_id, actor_id)`

`HeroesInMovie(id, hero_id, show_id, actor_id)`

Write the following queries in SQL. Use the simplest possible query for each.

Query 1. Find all actors who played the same hero both in a TV show and at least two movies. Return the id, name of the actor, sort by actor name.

Answer here.

Query 2. Return the id, name all movies that feature every hero in the same universe as the movie. Order by movie name.

Answer here.