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You've started a new movie-rating website, and you've been collecting data on reviewers' ratings of various movies. There's not much data yet, but you can still try out some interesting queries. Here's the schema:

elp

Problem on Page?

Movie (mID, title, year, director)

English: There is a movie with ID number *mID*, a *title*, a release *year*, and a *director*.

Reviewer (rID, name)

English: The reviewer with ID number rID has a certain name.

Rating (rID, mID, stars, ratingDate)

English: The reviewer *rID* gave the movie *mID* a number of *stars* rating (1-5) on a certain *ratingDate*.

Your queries will run over a small data set conforming to the schema. View the database. (You can also download the schema and data.)

Instructions: Each problem asks you to write a query in SQL. When you click "Check Answer" our back-end runs your query against the sample database using SQLite. It displays the result and compares your answer against the correct one. When you're satisfied with your solution for a given problem, click the "Submit" button to check your answer.

Important Notes:

- Your queries are executed using SQLite, so you must conform to the SQL constructs supported by SQLite.
- Unless a specific result ordering is asked for, you can return the result rows in any order.
- You are to translate the English into a SQL query that computes the desired result over all possible databases. All we actually check is that your query gets the right answer on the small sample database. Thus, even if your solution is marked as correct, it is possible that your query does not correctly reflect the problem at hand. (For example, if we ask for a complex condition that requires accessing all of the tables, but over our small data set in the end the condition is satisfied only by Star Wars, then the query "select title from Movie where title = 'Star Wars'" will be marked correct even though it doesn't reflect the actual question.) Circumventing the system in this fashion will get you a high score on the exercises, but it won't help you learn SQL. On the other hand, an incorrect attempt at a general solution is unlikely to produce the right answer, so you shouldn't be led astray by our checking system.

You may perform these exercises as many times as you like, so we strongly encourage you to keep working with them until you complete the exercises with full credit.

Q1	(1/1	point)
~ ·	(/

Find the titles of all movies directed by Steven Spielberg.

Note: Your queries are executed using SQLite, so you must conform to the SQL constructs supported by SQLite.

)15	Instructions SQL Movie-Rating Query Exercises DB5 Courseware Stanford Lagunita
	1 select title from movie where director='Steven Spielberg'
	Correct
٠.	
C	prrect
Yo	our Query Result:
E.	т.

Expected Query Result:

Raiders of the Lost Ark

E.T.

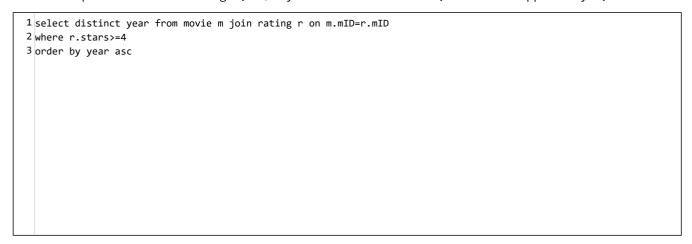
Raiders of the Lost Ark

Submit Reset

Q2 (1/1 point)

Find all years that have a movie that received a rating of 4 or 5, and sort them in increasing order.

Note: Your queries are executed using SQLite, so you must conform to the SQL constructs supported by SQLite.



Correct

Correct

Your Query	[,] Result:					
1937						
1939						
1981						
2009						
Expected Q	uery Result:					
1937						
1939						
1981						
2009						
Order matt	tars)					
Order matt	ersy					
Submit	Reset					
Find the titl	les of all movies tha	it have no ratings. ed using SQLite, so y	you must conform	to the SQL const	tructs supported	d by SQLite.
Note: Your	les of all movies tha		you must conform	to the SQL const	tructs supported	d by SQLite.
Find the titl Note: Your	les of all movies tha	ed using SQLite, so y	you must conform	to the SQL const	tructs supported	d by SQLite.
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Note: Your 1 select 2 (select 3	les of all movies that queries are execut title from movie m : mID from rating)	ed using SQLite, so y	you must conform	to the SQL const	tructs supported	d by SQLite.
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Prind the title Note: Your 1 select 2 (select 3) Correct Your Query	les of all movies that queries are execut title from movie m : mID from rating)	ed using SQLite, so y	you must conform	to the SQL const	tructs supported	d by SQLite.
Correct Your Query Star Wars	les of all movies that queries are execut title from movie m : mID from rating)	ed using SQLite, so y	you must conform	to the SQL const	tructs supported	d by SQLite.
Prind the title Note: Your 1 select 2 (select 3) Correct Your Query	les of all movies that queries are execut title from movie m : mID from rating)	ed using SQLite, so y	you must conform	to the SQL const	tructs supported	d by SQLite.

Expected Query Result:				
Star Wars				
Titanic				
Submit Reset				
Q4 (1/1 point)				
Some reviewers didn't provide a date with their rating. Find the names of all reviewers who have ratings with a NULL value for the date.				
Note: Your queries are executed using SQLite, so you must conform to the SQL constructs supported by SQLite.				
1 select name from reviewer r where rID in 2 (select rID from rating where ratingDate is NULL)				
Correct				
Correct				
Your Query Result:				
Chris Jackson				
Daniel Lewis				
Expected Quary Regults				
Expected Query Result:				
Chris Jackson				
Daniel Lewis				
Submit Reset				

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