

Assignment3

50 points

Open the script file named movie_db_script.sql from blackboard/Assignment3.

Execution of Script file creates cs431_movie_database and also inserts data into the tables.

Use this database to solve all the below queries.

1. Write a query in SQL to list the following information of the artists in movie industry. Limit this information to only 5 artists. Sort the information by age descending order.

Full name : first name and last name separated by space

Age: Current age

Address: State that he resides

Contact number: Phone number

Full Name	Age	Address	Contact Number
Idrissa Akuna Elba	48	CA	4706091972
Christopher Hemsworth Hemsworth	37	IL	3408111983
Zoe Saldana	42	AZ	4106191978
Christopher Townsend	44	NULL	3903251976
Guy Williams	35	NULL	3209211985
Jonathan Fawkner	30	NULL	3011131990
Dan Sudick	48	NJ	4701201972
Tom Holland	24	CA	2401061996
Justin Marks	28	LA	2804021992
Adam McGay	52	PA	5104171968
Adam McGay	52	PA	5104171968
Justin Marks	28	LA	2804021992

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Output

2. Write a query in SQL to find the full name of the “Actors” who appeared in the movie titled Star Wars (using JOIN).

Output:

Actors in Star Wars	
Idrissa Akuna	Elba
Christopher Hemsworth	Hemsworth

3. Write a SQL query to find the movie Title that has received Lowest rating from reviewers, but whose actors have received an award for their contribution in movie.

Output:

Fantastic Beasts and Where to Find Them

4. Write a SQL query that display the list of genres, Number of movies in that genre grouped by year and genre.

Output:

Genre	Number of movies	Release Year
Sci Fi	2	2015
Comedy	1	2015
Adventure	1	2016
Fantasy	1	2016
Comedy	1	2016
Fantasy	1	2017

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Genre	Number of movies	Release Year
Super Hero	3	2017

5. Write a SQL query that display movie titles that have received Atleast 3 awards.

Output:

Star Wars
Fantastic Beasts and Where to Find Them

6. Write a SQL query that display the titles, release_date, distributor information of all movies whose rating is not provided (Number of star not given). Sort this list by released year.

Title	Year	Distributor
Guardians of the Galaxy Vol. 2	2017	Disney
Thor: Ragnarok	2017	Disney

7. Write a SQL query that display the list of movies and the category of the awards received by movies that are distributed by “Disney”

Title	Category
Star Wars	Actor
Star Wars	Visual Effects
The Jungle Book	Screenplay

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8. Write a SQL query that display all the different professions in movie industry exclude the professions that start with letter R.

Output:

Professions in Music Industry
Actor
Visual Effects
Screenplay
Director