Write the query for the following tables

Create the table name: productions

Field names

|  |  |
| --- | --- |
| **Attribute Name** | **Description** |
| Productionid | Unique id, max 5 as number data |
| Productionname | Max 30 chars |
| Address | Max 40 chars |
| Dateofstarted | Date on which movie released |
| Ownername | Max 20 chars |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Productionid** | **productionname** | **Address** | **Startyear** | **Ownername** |
| 9091 | Arkamediaworks | Hyderabad | 2001 | Shobu Yarlagadda |
| 8892 | Lyca Productions | Chennai | 2014 | Subaskaran |
| 1010 | Hari Om Entertainment | Mumbai | 2008 | Akshay Kumar |
| 1988 | Red Chillies Entertainment | Mumbai | 2003 | Shah Ruck |
| 1899 | Viacom18 Studios | Mumbai | 2008 | Ajit Andhare |
| 7882 | DVV Entertainments | Hyderabad | 1993 | DVV Danayya |
| 6773 | Hombale Flims | Bangalore | 1995 | Vijay |
| 7682 | Mythri Movie Makers | Hyderabad | 2015 | Naveen Yerneni |
| 1854 | Junglee Pictures | Mumbai | 2014 | Vineeth Jain |
| 2341 | CRM | Bangalore | 2017 | Manohar |
| 1111 | STP | Chennai | 2018 | Sree |

Create the table name: movie

Field names

|  |  |
| --- | --- |
| **Attribute Name** | **Description** |
| Movieid | Unique id, max 5 as number data |
| Moviename | Max 30 chars |
| Heroname / cast1 | Max 30 chars |
| Heroine / cast2 | Max 30 chars |
| Releaseddate | Date on which movie released |
| Language | Max 15 chars |
| Length | Number having 2 digits |
| Movietype | Max 25 length characters |
| Productionid | Unique id, max 5 as number data |

Your insert the data

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Movieid** | **Moviename** | **Heroname** | **Heroine** | **Releasedate** | **language** | **length** | **Movietype** | **Productionid** |
| 201 | Bahubali – The Beginning | Prabhas | Tamannah | 10/07/15 | Telugu | 21 | Drama Fantasy | 9091 |
| 501 | 2.0 | Rajnikanth | Amy | 29/11/18 | Tamil | 20 | Scientific | 8892 |
| 577 | Aval | Siddharth | Andrea | 3/11/17 | Tamil | 14 | Horror | 1899 |
| 101 | Holiday | Akshay Kumar | Sonakshi | 6/6/14 | Hindi | 15 | Crime Thriller | 1010 |
| 151 | Zero | Shah ruck | Katrina Kaif | 21/12/18 | Hindi | 16 | Scientific | 1988 |
| 131 | Padmavaat | Shahid Kapoor | Deepika Padukone | 25/1/18 | Hindi | 21 | Drama Epic | 1899 |
| 146 | Andhadhun | Ayushmann | Radika Apte | 5/10/18 | Hindi | 16 | Crime Thriller | 1899 |
| 231 | Bharath Ane nenu | Mahesh Babu | Kiara | 20/4/18 | Telugu | 15 | Thriller | 7882 |
| 244 | Gruham | Siddharth | Andrea | 17/11/18 | Telugu | 14 | Horror | 1899 |
| 337 | K G F chapter 1 | Yash | Srinithi Shetty | 21/12/18 | Kannada | 21 | Action Thriller | 6773 |
| 224 | Rangasthalam | Ram Charan | Samatha | 30/3/18 | Telugu | 17 | Drama Period | 7682 |
| 136 | Badhaai Ho | Ayushmann | Neena | 18/10/18 | Hindi | 14 | Drama  Comedy | 1854 |
| 441 | The Villain | Sudeep | Amy | 18/10/18 | Kannada | 16 | Drama | 2341 |
| 206 | Maryada Ramanna | Sunil | Saloni | 23/7/10 | Telugu | 19 | Drama | 9091 |
| 211 | Khaidi No. 150 | chiranjeevi | Kajal | 11/1/17 | Telugu | 20 | Drama Thriller | 8892 |
| 188 | Rangoon | Saif Ali Khan | Kangana | 24/2/17 | Hindi | 15 | Drama | 1899 |
| 189 | The House Next Door | Siddharth | Andrea | 10/11/17 | Hindi | 14 | Horror | 1899 |
| 267 | Anaganaga O Dheerudu | Siddharth | Shruthi | 14/1/14 | Telugu | 16 | Fantasy | 9091 |

Solve the SQL fundamentals Query:

1. Display the name of movies, movie type is starts with Drama.

Ans. Select Moviename, Movietype from movie where Movietype like “Drama%”;

1. Display the movies acted by actor Ayushmann.

Ans. Select \* from movie where Heroname = “Ayushmann”;

1. Display the count of movies, having length above 18.

Ans. Select count(\*) from movie where Length>18;

1. Display the movie having minimum length.

Ans. Select \* from movie where Length = (Select min(Length) from movie);

1. Display all the details of movie, the language that first name starts with ‘T’

Ans. Select \* from movie where Language like “T%”;

1. Display the movie name, hero name, heroine name whose having maximum length.

Ans. Select Moviename, Heroname, Heroine from movie where Length = (Select max(Length) from movie);

1. Display the movie name, hero name, heroine name the movie released after 15 march 2018.

Ans. select Moviename, Heroname, Heroine from movie where Releasedate>'2018-03-15';

1. Display the count of thriller movies.

Ans. select count(\*) from movie where Movietype like "%Thriller%";

1. Display the count of movies whose released before 15 march 2018.

Ans. select count(\*) from movie where Releasedate<'2018-03-15';

1. Display the release date of the movie name ‘Zero’.

Ans. select Releasedate from movie where Moviename = "Zero";

1. Display the actor name that acted with ‘Amy’.

Ans. select Heroname from movie where Heroine = "Amy";

1. Display the Count of maximum movies released in a month of October.

Ans. select count(\*) from movie where Releasedate like '\_\_\_\_-10-\_\_';

1. Display the movienames whose production id is same for different languages.

Ans.

Solve Advanced Query by using the Two Tables:

1.Write the query to display productionid, production name with total number movies produced by each.

Ans. select productions.Productionid, Productionname, count(Productionname) as count from movie inner join productions where productions.Productionid=movie.Productionid group by movie.Productionid order by movie.Productionid;

2.Write the query to display production name, owner name have produced more than 2 movies.

Ans. select Productionname, Ownername, Moviename from movie Inner Join productions on movie.Productionid=productions.Productionid group by Productionname having count(Productionname)>2;

3.Write the query to display production name, owner name have produced maximum movies

Ans. select Productionname, Ownername, Moviename from movie Inner Join productions on movie.Productionid=productions.Productionid group by Productionname having count(Productionname)=(select count(productionid) as count from movie group by productionid order by count(productionid) desc limit 1);

4.Write the query to display the moviename, heroname and productionname acted in the producer name= ’Subaskaran’.

Ans. select Moviename, Heroname, Productionname from movie Inner Join productions on movie.Productionid=productions.Productionid where Ownername = "Subaskaran";

5. Write the query to display the moviename, heroname whose productionid ends with 82.

Ans. select Moviename, Heroname from movie where Productionid like "%82";

6.Write the query to display the productionname, ownername who has not produced the movie.

Ans. select productions.productionid, count(movie.productionid) from productions left join movie on productions.productionid=movie.productionid group by productions.productionid;

7. Write the query to display the productionname, ownername who has not produced the ‘hindi’ movie.

Ans. select distinct productionname, ownername from productions inner join movie on productions.productionid=movie.productionid where language!="Hindi";

8. Write the query name to display the heroinename who acted in the different productions but not in same production id.

Ans: select heroine from movie group by heroine having count(distinct movie.productionid)>1;

9.Write the query to display the heroname who acted in maximum languages.

Ans: select Heroname from movie group by Heroname order by count(language) desc limit 1;

10. Write the query to display the production name, owner name who has produced movie for more languages.

Ans. select Productionname, Ownername from productions inner join movie on productions.productionid = movie.productionid group by Productionname having count(distinct language)>1;

11. Write the query to display the productionname, producername who has not produced any movie.

Ans. select Productionname, Ownername from productions left join movie on productions.productionid=movie.productionid group by productionname having count(movie.productionid)=0;