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 |
| 337s | 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 from movie where Movietype=”Drama”;

1. Display the movies acted by actor Ayushmann.

Ans. select Moviename from movie where Heroname = “Ayushmann”;

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

Ans. select count(\*) from movie where length(Moviename)>18;

1. Display the movie having minimum length.

Ans. 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
2. name, hero name, heroine name whose having maximum length.

Ans. select Moviename,Heroname,Heroine from movie having length(Moviename) = (select max(length(Moviename)) 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 Release date>’2018-3-15’;

1. Display the count of thriller movies.

Ans. select count(\*) from movie where Movietype = “Thriller”;

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

Ans. select count(Moviename) from movie where Releasedate<’2018-3-15’;

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 monthname(Releasedate)=’October’;

1. Display the movienames whose production id 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 p.productionname,m.Productionid,count(\*) from movie m join productions p on m.Productionid=p.Productionid group by Productionid ;

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

Ans. select p.productionname,p.OwnerName from movie m join productions p on m.Productionid=p.Productionid group by m.Productionid having count(\*)>2 ;

3.

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

Ans. select p.productionname,p.OwnerName,count(m.Productionid) from movie m join productions p on m.Productionid=p.Productionid group by m.Productionid order by count(m.Productionid) desc limit 1 ;

4.

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

Ans. select m.Moviename,m.Heroname,p.productionname from movie m join productions p on m.Productionid=p.Productionid where p.OwnerName ="Subaskaran" ;

5.

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

Ans. select m.Moviename,m.Heroname,p.Productionid from movie m join productions p on m.Productionid=p.Productionid where p.Productionid like "%82" ;

6.

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

Ans: select p.Productionname, p.Ownername from productions as p left join movie as m on p.Productionid = m.Productionid group by p.productionid having count(m.Movienname)=0;

7.

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

Ans: select p.Productionname, m.Moviename, m.Heroname, m.language from productions as p left join movies as m on p.productionid = m.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.

9.

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

Ans: select p.Productionid ,m.Heroname, max(m.Language) from productions as p left join movie as m ON p.Productionid = m.Productionid group by m.Heroname;

10.

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

11.

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

Ans: select p.productionname, p.ownername from productions as p left join movies as m on p.productionid = m.productionid group by p.productionid having count(m.moviename)=0;