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 Advanced Query by using the Two Tables:**

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

**Answer -** select p.productionid ,p.Productionname, count(m.moviename) from productions as p left join movie as m ON p.productionid = m.productionid group by p.productionid;

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

**Answer -** select p.ownername,p.productionid ,p.Productionname, count(m.moviename) from productions as p left join movie as m ON p.productionid = m.productionid group by p.productionid having count(moviename)>=2;

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

**Answer -** select p.productionid ,p.Productionname, count(m.moviename) from productions as p left join movie as m ON p.productionid = m.productionid group by p.productionid ORDER BY `productionid` DESC LIMIT 1;

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

**Answer -** select p.productionname ,m.heroname, m.moviename from productions as p left join movie as m ON p.productionid = m.productionid where ownername="Subaskaran";

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

**Answer -** select m.heroname, m.moviename from productions as p left join movie as m ON p.productionid = m.productionid where mod(p.productionid,100)=82 ;

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

**Answer -** select p.Ownername ,p.Productionname, count(m.moviename) from productions as p left join movie as m ON p.productionid = m.productionid group by p.productionid Having count(m.moviename)=0 ;

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

**Answer -** select p.Ownername ,p.Productionname from movie as m right join productions as p ON m.productionid =p.productionid where m.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.

**Answer -** select distinct Heroname ,Language , count(Heroname) as result from movie group by(Language) order by (result) desc limit 1;

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

**Answer -** select Distinct p.Productionname,p.Ownername ,count(p.Productionname) as counter from movie as m right join productions as p ON m.productionid =p.productionid group by(m.language) order by(counter) desc limit 1;

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

**Answer-** select p.Ownername ,p.Productionname from movie as m right join productions as p ON m.productionid =p.productionid where m.moviename is null ;