**Movie Database System**

-- Create a database for movie information to store as follows:

-- Number of tables: 9.

1. movie

|  |  |  |
| --- | --- | --- |
| Column Name | Datatype | Constriant |
|  |  |  |
| Mov\_id | Int | Primary Key |
| Mov\_title | Varchar(50) | Not Null |
| Mov\_year | Int |  |
| Mov\_lang | Varchar(50 |  |
| Mov\_dt\_rel | Date |  |
| Mov\_rel\_country | Varchar(50) |  |

2. director

|  |  |  |
| --- | --- | --- |
| Column Name | Datatype | Constriant |
|  |  |  |
| Dir\_id | Int | Primary Key |
| Dir\_fname | Varchar(50) | Not Null |
| Dir\_lname | Varchar(50) |  |

3. movie\_direction

|  |  |  |
| --- | --- | --- |
| Column Name | Datatype | Constraint |
|  |  |  |
| Fk\_dir\_id | Int |  |
| Fk\_mov\_id | Int |  |

4. Actor

|  |  |  |
| --- | --- | --- |
| Column Name | Datatype | Constraint |
|  |  |  |
| Act\_id | Int | Primary key |
| Act\_fname | Varchar(50) | Not null |
| Act\_lname | Varchar(50) |  |
| Act\_gender | Varchar(1) | ‘M’ or ‘F’ |

5. movie\_cast

|  |  |  |
| --- | --- | --- |
| Column Name | Datatype | Constraint |
|  |  |  |
| Movie\_cast\_id | Int | Primary key |
| Fk\_act\_id | Int |  |
| Fk\_mov\_id | Int |  |
| Role | Varchar(30) | Not null |

6. reviewer

|  |  |  |
| --- | --- | --- |
| Column Name | Datatype | Constraint |
|  |  |  |
| Rev\_id | Int | Primary key |
| Rev\_name | Varchar(50) | Not null |

7. rating

|  |  |  |
| --- | --- | --- |
| Column Name | Datatype | Constraint |
|  |  |  |
| Fk\_mov\_id | Int |  |
| Fk\_rev\_id | Int |  |
| Rev\_stars | Int | 0 to 5, Not null |
| Num\_of\_rev | int | Positive numbers, Not null |

8. genres

|  |  |  |
| --- | --- | --- |
| Column Name | Datatype | Constraint |
|  |  |  |
| Gen\_id | Int | Primary Key |
| Gen\_title | Varchar(50) | Not Null |

9. movie\_genre

|  |  |  |
| --- | --- | --- |
| Column Name | Datatype | Constraint |
|  |  |  |
| Fk\_mov\_id | Int |  |
| Fk\_gen\_id | Int |  |

Question:

1. Write SQL queries to display all the movies.

2. Write SQL queries to display all the actors.

3. Write SQL queries to display all the directors.

4. Write SQL queries to display all the genres.

5. Write SQL queries to display all the movies in English.

6. Write SQL queries to display all the movies in English or Hindi.

7. Write SQL queries to display the year of the English movies.

8. Write SQL queries to display names of all the movies released after 2000.

9. Write SQL queries to display all the movies in Hindi and released after year 2000.

10. Write SQL queries to display all the movies that starts with H.

11. Write SQL queries to display all the movies that are not released in 2000.

12. Write a SQL query to find the name and year of the movies. Return movie title, movie release year.

13. write a SQL query to find when the movie ‘Uri’ released. Return movie release year.

14. Write a SQL query to find out movie names and their corresponding directors