**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 | Foreign Key |
| Fk\_mov\_id | Int | Foreign Key |

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 |
|  |  |  |
| Fk\_act\_id | Int | Foreign Key |
| Fk\_mov\_id | Int | Foreign Key |
| 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 | Foreign Key |
| Fk\_rev\_id | Int | Foreign Key |
| 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 | Foreign Key |
| Fk\_gen\_id | Int | Foreign Key |

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.