Database Management System Lab

Task 1: Create table movie, actor and director according to the Movie_info Database information.

```
2 • CREATE TABLE
          Movie(
 3 ⊜
 4
              Movie_ID INT,
 5
              Movie_Name VARCHAR(255),
 6
              Genre VARCHAR(255),
 7
              Year INT,
 8
               IMDB_Rating FLOAT,
 9
               Director_ID INT,
10
               PRIMARY KEY (Movie_ID),
               FOREIGN KEY (Director_ID) REFERENCES Director(Person_ID)
11
12
13 •
          insert into Movie
14
     values
15
                   (1,"Pather Panchali","Drama",1995,8.5,3),
                   (2,"Noukadubi","Drama",2011,7.6,5),
16
                   (3, "Abohomaan", "Drama", 2009, 7.3, 5),
17
                   (4,"Joi Baba Felunath", "Thriller", 1979,8,,3),
18 0
19
                   (5 ,"Jibon Theke Neya","Drama",1970,9.4,1),
20
                   (6 ,"Moner Manush", "Bioghaphy", 2010, 8.0, 6),
21
                   (7 ,"Apur Panchali", "Bioghaphy", 2013, 8.2, 8),
                   (8 , "Goynar Baksho", "Comedy", 2013, 7.1, 7),
                   (9 ,"Byomkesh O Agnibaan", "Thriller", 2017, 7.4,4),
                   (10 ,"Byomkesh Bakshi", "Thriller", 2010, 7.4,4),
24
25
                   (11,"PK","Fiction",2014,8.2,2);
26 • select * from Movie;
Query 1 SQL File 2* SQL File 3* X
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1 • use movie info:
 Person ID INT,
        Actor_Name VARCHAR(255),
        Birth_Year INT,
 6
        No_Of_Films INT,
        No Of Awards INT,
 8
        PRIMARY KEY (Person_ID)
10
11 • insert into Actor(Person_ID, Actor_Name, Birth_Year, No_Of_Films, No_Of_Awards)
12
    values (11, "Uttam Kumar", 1926, 190, 150),
13
            (12, "Razzak", 1942, 120, 100),
14
            (7, "Aparna Sen", 1945, 73, 43),
15
            (6, "Goutam Ghose", 1950, 3, 1),
            (8, "Kaushik Ganguly", 1968, 22, 7),
16
17
            (10, "Soumitra Chatterjee", 1935, 250, 220),
            (4, "Anjan Dutt", 1953, 39, 10);
18
19
20 • SELECT * FROM Actor;
```

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        Query 1
        SQL File 2" ×

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→ | □₂ ½₂ | Jump to

       1 • USE Movie_Info;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Automatic context help is
disabled. Use the toolbar to
manually get help for the
current caret position or to
toggle automatic help.
      3 \bullet \ominus CREATE TABLE Director (
      4
                                Person_ID INT,
                                Director_Name VARCHAR(255),
                                 Birth_Year INT,
                                 No_Of_Films_INT,
                                 No_Of_Awards INT,
                                 PRIMARY KEY (Person_ID)
   10
   11
   12 • INSERT INTO Director (Person_ID, Director_Name, Birth_Year, No_Of_Films, No_Of_Awards)
   13
                   VALUES
                             (1, "Zahir Raihan", 1935, 5, 5),
   14
   15
                                (2, "Rajkumar Hirani", 1962, 5, 9),
                               (3, "Saytajit Ray", 1921, 45, 55),
   16
                                (4, "Anjan Dutt", 1953, 23, 17),
                                 (5, "Rituparno Ghosh", 1963, 20, 15),
   19
                                 (6, "Goutam Ghose", 1950, 12, 8),
                                (7, "Aparna Sen", 1945, 12, 7),
   20
   21
                                (8, "Kaushik Ganguly", 1968, 23, 30);
   22
   23 • SELECT * FROM Director;
# Time Action

1 08:46:14 USE Movie_Info

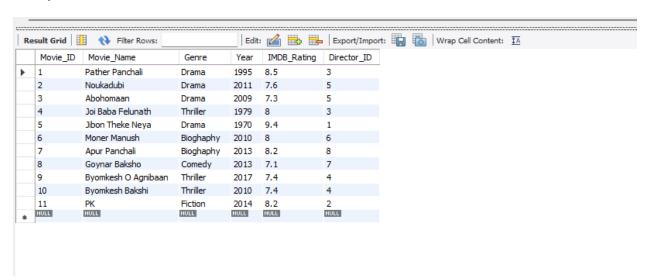
2 084614 (INSERT INTO Director ( Person_ID INT. Director Name. Birb. Year INT. No_Of_Awards INT. No_Of_Awards INT. PRIMA.

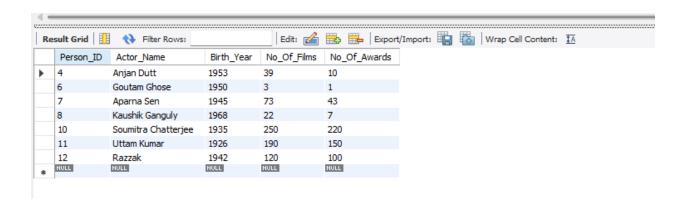
3 084614 (INSERT INTO Director (Person_ID. Director Name. Birb. Year, No_Of_Awards) VALUES (1, "Zahir Raham", 1935, 5, 5), (2, "Rajkumar... Sewigl affected Re

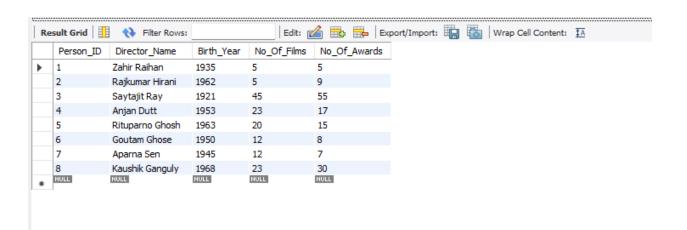
4 084614 SELECT *FROM Director LIMIT 0, 1000

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```

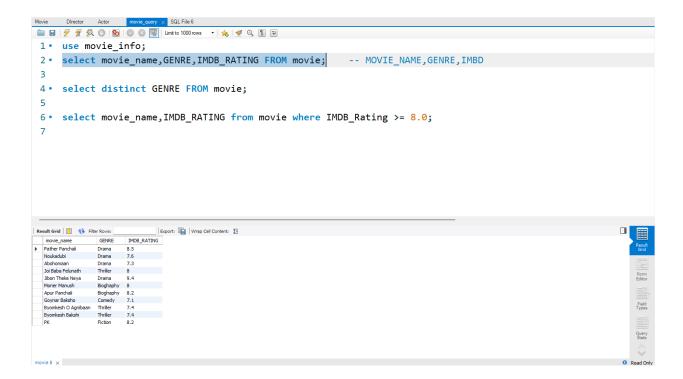
Output:



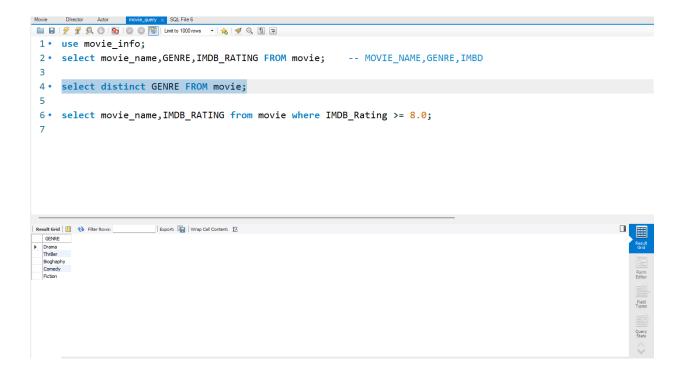




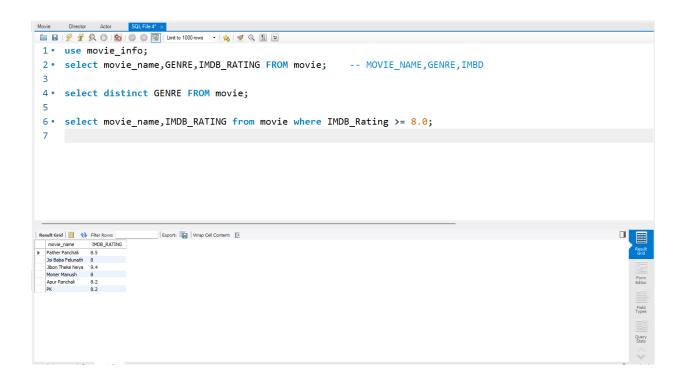
Task 2: Find the name, genre and IMDB rating of all the movies.



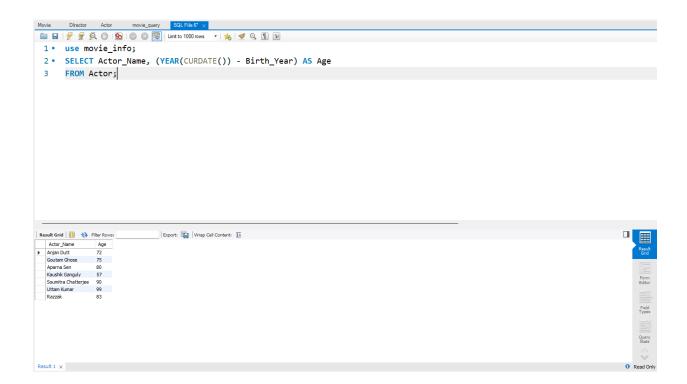
Task 3: Find all the distinct movie genres.



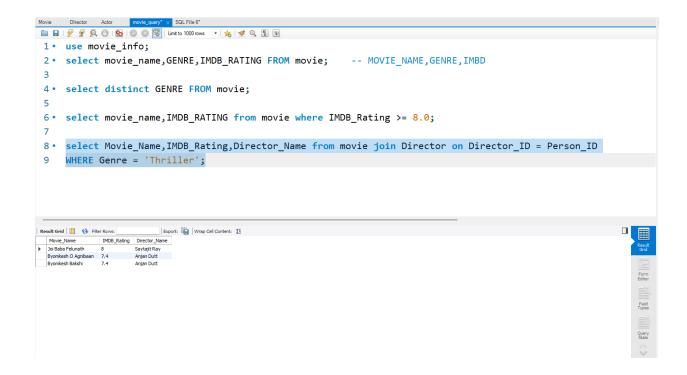
Task 4: Find the name and IMDb rating of all the movies of drama genre whose IMDb rating is greater than or equal to 8.0.



Task 5: Find the name and current age of all the actors.

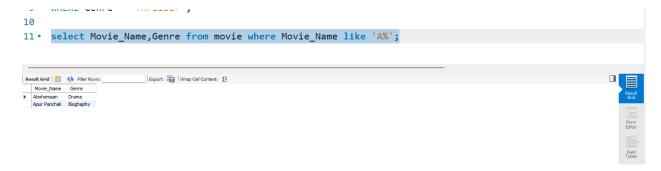


Task 6: Find the Name, IMDb rating and the name of the director of all the movies of thriller genre.

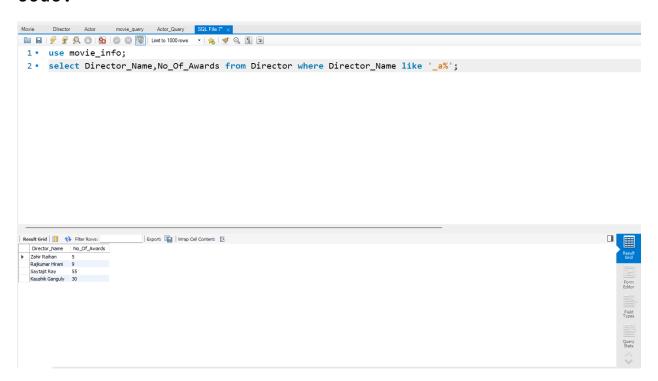


Task 7: Find the name and genre of the movies whose name starts with an 'A'.

Code:



Task 8: Find the name and the number of awards of those directors whose name contains an 'a' as its second character.



Task 9: Find the name and director name of all the movies that contain the term 'Byomkesh' into their name.

Code:



Task 10: Find the name and release year of all the movies that contain only 2 characters in their name.



Task 11: Find the name and the genre of all the movies that contain atleast 5 characters in their name.

Code:



Task 12: Find the name, Imdb rating and the name of the director of all movies that contain at most 10 characters in their name.

