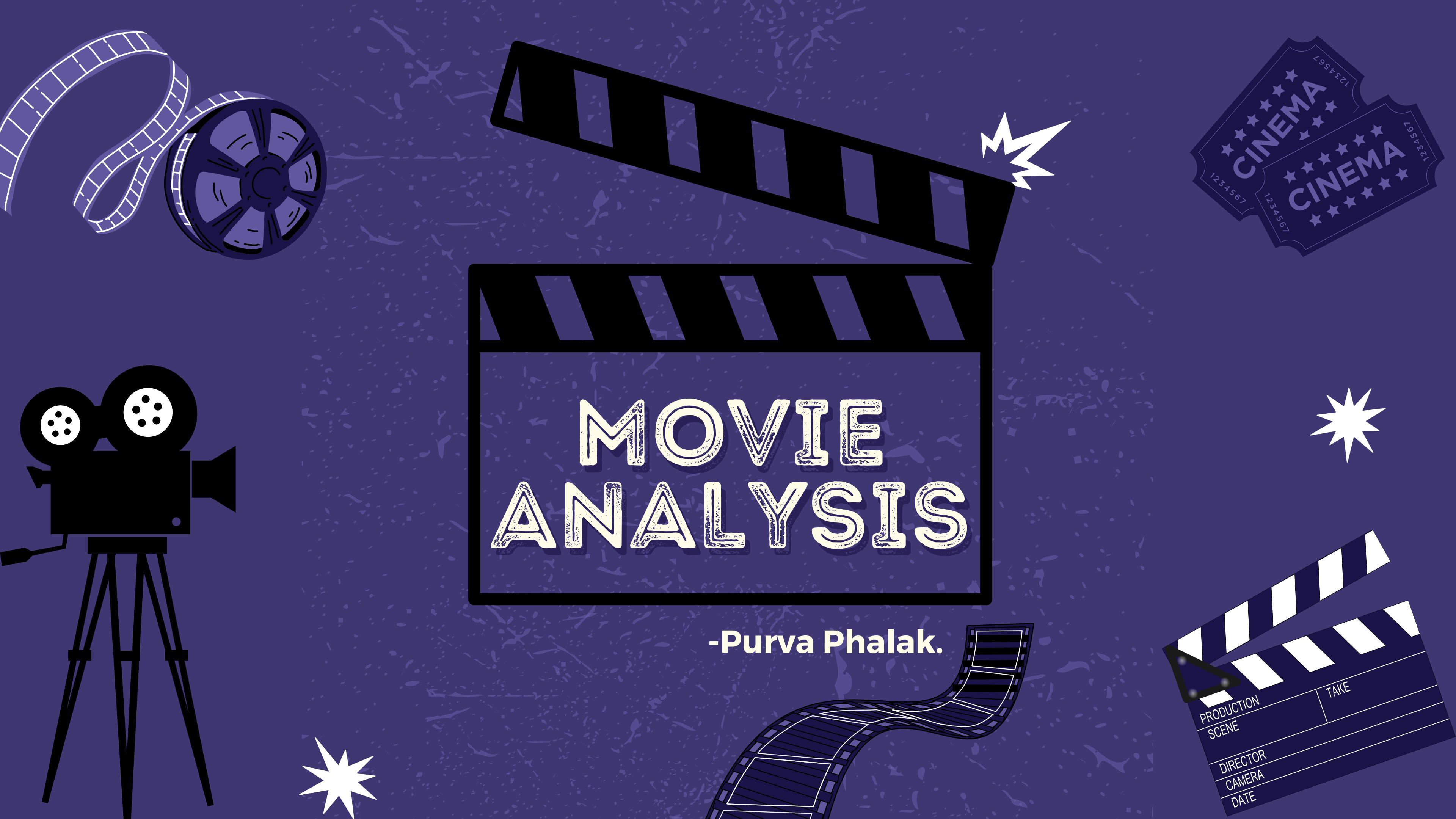
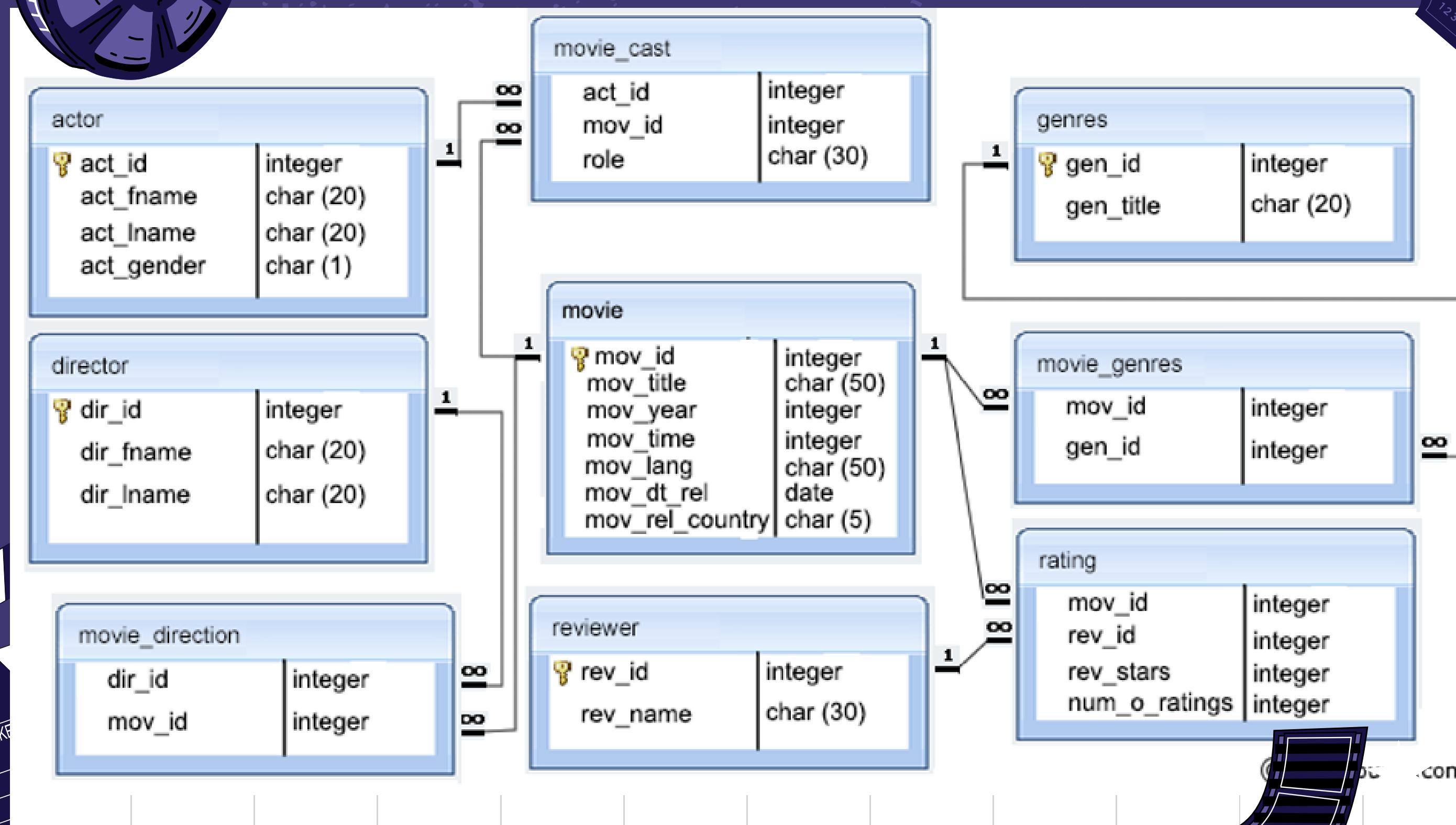


MOVIE ANALYSIS

-Purva Phalak.



DATABASE SCHEMA



OBJECTIVE

- ♣ The objective of movie database is to help users find basic viewing basic information about movies such as casting, ratings, directors etc.
- ♣ Besides displaying the ratings from popular websites such as IMDB, The Movie database allows user to provide feedback.

QUESTION 1

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

```
28 •   SELECT mov_title, mov_year  
29      FROM movie;
```

```
30
```

Result Grid | Filter Rows:

mov_title	mov_year
Vertigo	1958
The Innocents	1961
Lawrence of Arabia	1962
The Deer Hunter	1978
Amadeus	1984
Blade Runner	1982
Eyes Wide Shut	1999
The Usual Suspects	1995
Chinatown	1974
Boogie Nights	1997
Annie Hall	1977
Princess Mononoke	1997
The Shawshank R...	1994
American Beauty	1999
Titanic	1997
Good Will Hunting	1997

QUESTION 2

Write a SQL query to find when the movie 'American Beauty' released. Return movie release year.

```
33 •     SELECT mov_year  
34      FROM movie  
35      WHERE mov_title = 'American Beauty';
```

Result Grid	Filter Rows:	Export:		
<table border="1"><thead><tr><th>mov_year</th></tr></thead><tbody><tr><td>1999</td></tr></tbody></table>			mov_year	1999
mov_year				
1999				

QUESTION 3

Write a SQL query to find the movie that was released in 1999. Return movie title.

```
39 •   SELECT mov_title  
40      FROM movie  
41     WHERE mov_year = 1999;
```

Result Grid	
	mov_title
▶	Eyes Wide Shut
	American Beauty

QUESTION 4

Write a SQL query to find those movies, which were released before 1998. Return movie title.

```
45 •   SELECT mov_title  
46     FROM movie  
47    WHERE mov_year < 1998;
```

Result Grid | Filter Rows:

	mov_title
▶	Amadeus
▶	Eyes Wide Shut
▶	Deliverance

QUESTION 5

Write a SQL query to find the name of all reviewers and movies together in a single list.

```
51 •   SELECT reviewer.rev_name  
52     FROM reviewer  
53   UNION  
54   SELECT movie.mov_title  
55     FROM movie;
```

rev_name
Rigthy Sock
Jack Malvern
Flagrant Baronessa
Alec Shaw
Victor Woeltjen
Simon Wright
Neal Wruck
Paul Monks
Mike Salvati
Wesley S. Walker
Sasha Goldshtain
Josh Cates
Krug Stillo
Scott LeBrun
Hannah Steele

QUESTION 6

Write a SQL query to find all reviewers who have rated seven or more stars to their rating.
Return reviewer name.

```
59 •   SELECT reviewer.rev_name  
60     FROM reviewer, rating  
61    WHERE rating.rev_id = reviewer.rev_id  
62    AND rating.rev_stars >= 7  
63    AND reviewer.rev_name IS NOT NULL;  
64
```

rev_name
Rigthy Sock
Rigthy Sock
Jack Malvern
Flagrant Baronessa
Victor Woeltjen
Simon Wright
Mike Salvati
Sasha Goldshtain
Krug Stillo
Hannah Steele
Vincent Cadena
Brandt Sponseller

QUESTION 7

Write a SQL query to find the movies without any rating. Return movie title.

```
67 •   SELECT mov_title  
68      FROM movie  
69  ⚡ WHERE mov_id NOT IN (  
70          SELECT mov_id  
71            FROM rating );
```

Result Grid | Filter Rows:

mov_title
The Deer Hunter
Amadeus
Eyes Wide Shut
Chinatown
The Shawshank Redemption
Deliverance
Trainspotting
The Prestige
Seven Samurai
Spirited Away
Back to the Future

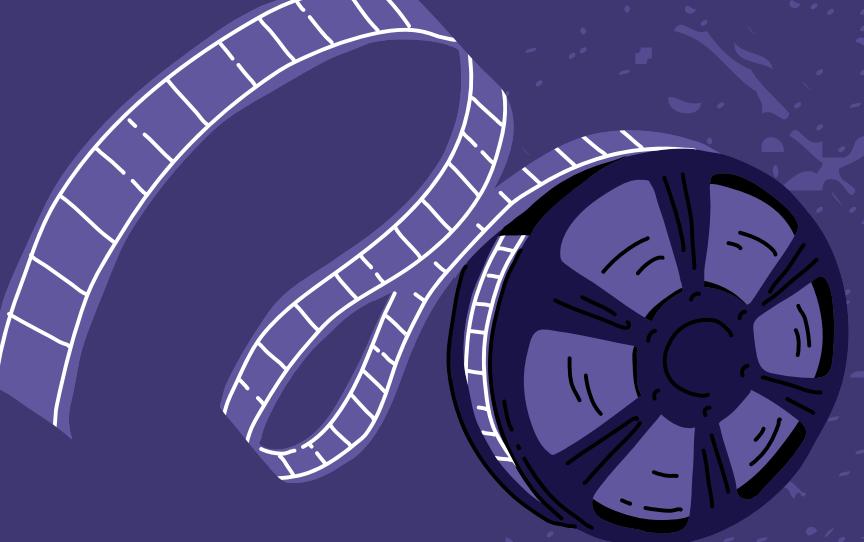
QUESTION 8

8) Write a SQL query to find the movies with ID 905 or 907 or 917. Return movie title.

```
75 •     SELECT mov_title  
76      FROM movie  
77     WHERE mov_id IN (905, 907, 917);
```

Result Grid		Filter Rows:	Export				
<input type="checkbox"/>							
<table border="1"><thead><tr><th>mov_title</th></tr></thead><tbody><tr><td>Amadeus</td></tr><tr><td>Eyes Wide Shut</td></tr><tr><td>Deliverance</td></tr></tbody></table>			mov_title	Amadeus	Eyes Wide Shut	Deliverance	
mov_title							
Amadeus							
Eyes Wide Shut							
Deliverance							

QUESTION 9



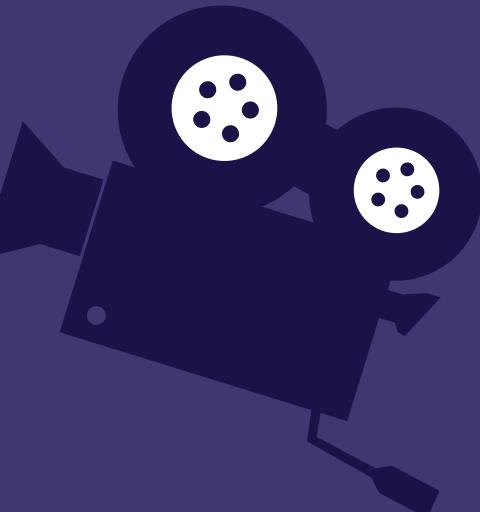
9) Write a SQL query to find the movie titles that contain the word 'Boogie Nights'. Sort the result-set in ascending order by movie year return movie ID, movie title and movie release year.

```
82 •   SELECT mov_id, mov_title, mov_year  
83     FROM movie  
84    WHERE mov_title LIKE '%Boogie%Nights%'  
85    ORDER BY mov_year ASC;
```

The screenshot shows the MySQL Workbench interface with the following details:

- Toolbar:** Result Grid, Filter Rows, Export.
- Result Grid:** A table with one column labeled "mov_title".
- Data:**

mov_title
Amadeus
Eyes Wide Shut
Deliverance



QUESTION 10

1 Write a SQL query to find those actors with the first name 'Woody' and the last name 'Allen'. Return actor ID.

```
89 •     SELECT act_id  
90      FROM actor  
91     WHERE act_fname='Woody'  
92     AND act_lname='Allen';  
93
```

Result Grid	
	mov_title
▶	Amadeus
	Eyes Wide Shut
	Deliverance