

## Level 1

**Query 1.1:** Find the name, genre, and IMDB rating of all the movies.

```
SELECT Movie_Name, Genre, IMDB_Rating FROM `movie`;
```

**Query 1.2:** Display all the distinct movie-genres.

```
SELECT Genre FROM `movie` GROUP BY Genre;
```

**Query 1.3:** Find the name and current age of all the actors.

```
SELECT Actor_Name, (2025 - Birth_Year) as Age FROM `actor`;  
SELECT Actor_Name, (Year(CURRENT_DATE) - Birth_Year) as Age FROM `actor`;
```

**Query 1.4:** Find all the movies of the thriller genre with an IMDB rating greater than or equal to 8.0.

```
SELECT Movie_Name, IMDB_Rating FROM `movie`  
WHERE Genre = "Thriller" AND IMDB_Rating >= 8.0;
```

**Query 1.5:** Find the name, release year, IMDB rating, and the name of the director of all the movies.

```
SELECT Movie_Name, Year, IMDB_Rating, Director_Name FROM `movie` as M  
JOIN `director` as D on M.Director_ID = D.Person_ID;
```

## Level 2

**Query 1.6:** Find the name and number of awards of those directors whose name starts with a 'R' or a 'A'.

```
SELECT Director_Name, No_Of_Awards FROM `director`  
WHERE Director_Name LIKE "R%" OR Director_Name LIKE "A%";
```

**Query 1.7:** Find the name and birth year of those directors whose name contains an 'a' as its 2nd last character.

```
SELECT Director_Name, Birth_Year FROM `director` WHERE Director_Name LIKE "%a_";  
SELECT Director_Name, Birth_Year FROM `director`  
WHERE SUBSTR(Director_Name, -2, 1) = 'a';
```

**Query 1.8:** Find the name, release year, and genre of all the movies which contain the word 'Byomkesh' anywhere in their name.

```
SELECT Movie_Name, Year, Genre FROM `movie` WHERE Movie_Name LIKE "%Byomkesh%";
```

**Query 1.9:** Find the name and IMDB rating of all the movies whose name consists of only 2 characters.

```
SELECT Movie_Name, IMDB_Rating FROM `movie` WHERE LENGTH(Movie_Name) = 2;
```

**Query 1.10:** Find the name and genre of all the movies whose name consists of at least 3 characters.

```
SELECT Movie_Name, Genre FROM `movie` WHERE LENGTH(Movie_Name) >= 3;
```

**Query 1.Last:** Find the name and IMDB rating of all the movies which contain at most 9 characters in their name.

```
SELECT Movie_Name, IMDB_Rating FROM `movie` WHERE LENGTH(Movie_Name) <= 9;
```