

Movie Database

Question1

Return only title and industry column from database

Syntax

```
select title,industry
from moviesdb.movies
```

Output-

title	industry
K.G.F: Chapter 2	Bollywood
Doctor Strange in the Multiverse of Madness	Hollywood
Thor: The Dark World	Hollywood
Thor: Ragnarok	Hollywood
Thor: Love and Thunder	Hollywood
Sholay	Bollywood
Dilwale Dulhania Le Jayenge	Bollywood

Question 2

Return Only data of Bollywood industry

Syntax

```
select *
From Movies Where
Industry = 'Bollywood';
```

Output

movie_id	title	industry	release_year	imdb_rating	studio	language_id
101	K.G.F: Chapter 2	Bollywood	2022	8.4	Hombale Films	3
106	Sholay	Bollywood	1975	8.1	United Producers	1
107	Dilwale Dulhania Le Jayenge	Bollywood	1995	8.0	Yash Raj Films	1
108	3 Idiots	Bollywood	2009	8.4	Vinod Chopra Films	1
109	Kabhi Khushi Kabhie Gham	Bollywood	2001	7.4	Dharma Productions	1
110	Bajirao Mastani	Bollywood	2015	7.2		1
127	Pather Panchali	Bollywood	1955	8.3	Government of West Bengal	7

Question 3

Return the count of Bollywood movies

```
select count(*)
from movies
where industry = 'bollywood';
```

Output

	count(*)
18	18

Question 4

Figure out how many unique Industry are there in database

Syntax

```
select distinct(industry)
from movies
```

Output

	industry
Bollywood	
Hollywood	

Question 5

Retrieve Movies which has Thor title

Syntax

```
select *
from movies
where title like '%thor%'
```

Output

movie_id	title	industry	release_year	imdb_rating	studio	language_id
103	Thor: The Dark World	Hollywood	2013	6.8	Marvel Studios	5
104	Thor: Ragnarok	Hollywood	2017	7.9	Marvel Studios	5
105	Thor: Love and Thunder	Hollywood	2022	6.8	Marvel Studios	5

Question 6

Return data where studio is null

Syntax

```
select *
from movies
where studio = "";
```

Output

movie_id	title	industry	release_year	imdb_rating	studio	language_id
110	Bajirao Mastani	Bollywood	2015	7.2		1
124	Parasite	Hollywood	2019	8.5		5
128	Taare Zameen Par	Bollywood	2007	8.3		1

Question 7

Return all movies which has greater Than or equal to 9 rating

Syntax

```
select *
from movies
where imdb_rating >= 9;
```

Output

movie_id	title	industry	release_year	imdb_rating	studio	language_id
111	The Shawshank Redemption	Hollywood	1994	9.3	Castle Rock Entertainment	5
120	The Godfather	Hollywood	1972	9.2	Paramount Pictures	5
121	The Dark Knight	Hollywood	2008	9.0	Syncopy	5
122	Schindler's List	Hollywood	1993	9.0	Universal Pictures	5

Question 8

Return Movies which was released in 2021, 2022

Syntax

```
select *
from movies
where release_year in(2022,2021)
```

Output

movie_id	title	industry	release_year	imdb_rating	studio	language_id
101	K.G.F: Chapter 2	Bollywood	2022	8.4	Hombale Films	3
102	Doctor Strange in the Multiverse of Madness	Hollywood	2022	7.0	Marvel Studios	5
105	Thor: Love and Thunder	Hollywood	2022	6.8	Marvel Studios	5
132	Pushpa: The Rise - Part 1	Bollywood	2021	7.6	Mythri Movie Makers	2
133	RRR	Bollywood	2022	8.0	DVV Entertainment	2
135	The Kashmir Files	Bollywood	2022	8.3	Zee Studios	1
140	Shershaah	Bollywood	2021	8.4	Dharma Productions	1
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Question 9

Return records which doesn't have rating

Syntax

```
select *
from movies
where imdb_rating is null
```

Output

movie_id	title	industry	release_year	imdb_rating	studio	language_id
131	Sanju	Bollywood	2018	NULL	Vinod Chopra Films	1
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Question 10

Order rating from desc to aesc

Syntax

```
select *
from movies
order by imdb_rating desc
```

Output

movie_id	title	industry	release_year	imdb_rating	studio	language_id
111	The Shawshank Redemption	Hollywood	1994	9.3	Castle Rock Entertainment	5
120	The Godfather	Hollywood	1972	9.2	Paramount Pictures	5
121	The Dark Knight	Hollywood	2008	9.0	Syncopy	5
122	Schindler's List	Hollywood	1993	9.0	Universal Pictures	5
112	Inception	Hollywood	2010	8.8	Warner Bros. Pictures	5
113	Interstellar	Hollywood	2014	8.6	Warner Bros. Pictures	5
118	It's a Wonderful Life	Hollywood	1946	8.6	Liberty Films	5
116	Gladiator	Hollywood	2000	8.5	Universal Pictures	5
124	Parasite	Hollywood	2019	8.5		5
101	K.G.F: Chapter 2	Bollywood	2022	8.4	Hombale Films	3
108	3 Idiots	Bollywood	2009	8.4	Vinod Chopra Films	1
125	Avengers: Endgame	Hollywood	2019	8.4	Marvel Studios	5
126	Avengers: Infinity War	Hollywood	2018	8.4	Marvel Studios	5
140	Shershaah	Bollywood	2021	8.4	Dharma Productions	1
127	Pathar Panchali	Bollywood	1955	8.3	Government of West Bengal	7
128	Taare Zameen Par	Bollywood	2007	8.3		1

Question 11

Return top 5 rating movie from Hollywood industry

Syntax

```
select *
from movies
Where Industry = 'Hollywood'
order by imdb_rating desc
Limit 5;
```

Output

movie_id	title	industry	release_year	imdb_rating	studio	language_id
111	The Shawshank Redemption	Hollywood	1994	9.3	Castle Rock Entertainment	5
120	The Godfather	Hollywood	1972	9.2	Paramount Pictures	5
121	The Dark Knight	Hollywood	2008	9.0	Syncopy	5
122	Schindler's List	Hollywood	1993	9.0	Universal Pictures	5
112	Inception	Hollywood	2010	8.8	Warner Bros. Pictures	5

Question 12

Return max rating from Bollywood

Syntax

```
select max(imdb_rating)
from movies
where industry = 'bollywood'
```

Output

max(imdb_rating)
8.4

Question 13

Return The Count of studio

```
select studio,count(*) as total_count
from movies
group by studio
order by total_count desc
```

Output

studio	total_count
Dharma Productions	2
Warner Bros. Pictures	2
Paramount Pictures	2
Universal Pictures	2
Salman Khan Films	2
Hombale Films	1
United Producers	1
Yash Raj Films	1
Castle Rock Entertai...	1

Question 14

Return data which have studio count of greater than 3

Syntax

```
select studio,count(*) as total_count
from movies
group by studio
Having total_count>3
|
```

Output

studio	total_count
Marvel Studios	8

Thank You