SQL PROJECT-1

- **AIM**- To solve the queries in SQL of the Movies&Production house
- This project is for what the movies yet to come in Mythri production house and how many awards came to each movie, which hero has the highest releases from 2010 to 2024

1. Create a database of TFI(Telugu film industry).
2. Use database _name.
3. We have to create the table and insert the values in it.

```
928
929 •    create database TFI;
930 •    use TFI;
931 •    create table Movies(movie_id int primary key, movie_name varchar(50), actor_name varchar(50), release_date
932 •    insert into movies values (101,"pushpa","alluarjun","2021-12-14"),
933                     (102,"bahubali the beggining","prabhas","2015-04-08"),
934                     (103,"kgf","yash","2018-06-18"),
935                     (104,"rrr","ramcharan","2022-03-22"),
936                     (105,"brahmastra","ranbirkapoor","2022-09-05"),
937                     (106,"Devara","NTR","2024-09-21"),
938                     (107,"kantara","rishabshetty","2022-08-21"),
939                     (108,"kalki2898ad","prabhas","2024-05-24"),
940                     (109,"sitaramam","dulquersalman","2022-06-14"),
941                     (110,"guntur kaaram","maheshbabu","2024-01-12"),
942                     (111,"adipurush","prabhas","2023-06-18"),
943                     (112,"bheemla nayak","pawankalyan","2022-02-14"),
944                     (113,"leo","Vijay","2023-09-16"),
945                     (114,"bhagvanth kesari","balakrishna","2023-09-15"),
946                     (115,"spyder","maheshbabu","2017-10-22"),
947                     (116,"dasara","nani","2023-03-23"),
948                     (117,"krack","raviteja","2021-10-11"),
949                     (118,"Robo","rajinikanth","2009-05-12"),
```

Select * from movies

movie_id	movie_name	actor_name	release_date
101	pushpa	alluarjun	2021-12-14
102	bahubali the beggining	prabhas	2015-04-08
103	kgf	yash	2018-06-18
104	rrr	ramcharan	2022-03-22
105	brahmastra	ranbirkapoor	2022-09-05
106	Devara	NTR	2024-09-21
107	kantara	rishabshetty	2022-08-21
108	kalki2898ad	prabhas	2024-05-24
109	sitaramam	dulquersalman	2022-06-14
110	guntur kaaram	maheshbabu	2024-01-12
111	adipurush	prabhas	2023-06-18
112	bheemla nayak	pawankalyan	2022-02-14
113	leo	Vijay	2023-09-16
114	bhagvanth kesari	balakrishna	2023-09-15
115	spyder	maheshbabu	2017-10-22
116	dasara	nani	2023-03-23
117	krack	raviteja	2021-10-11

Q)Update the name of the actor from Vijay to Thalapathi Vijay

```
010
011 •    update movies set actor_name = "Thalapathi vijay"
012      where movie_id =113;
013
```

| 113 | leo | | Thalapathi vijay | 2023-09-16 |

Q)Name the movies of Prabhas under Mythri movie makers

```
1015
1016 •    select movie_name from movies where actor_name = "prabhas";
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: ⫶A

movie_name
▶ bahubali the beggining
kalki2898ad
adipurush

movies 10 ✕   ❶ Read Only

Q)write four records of any with logical operator

```
1017
1018 •    select * from movies
1019      where actor_name = "maheshbabu" or actor_name = "ramcharan" or movie_name = "brahmastra";
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: ⫶A

movie_id	movie_name	actor_name	release_date
▶ 104	rrr	ramcharan	2022-03-22
105	brahmastra	ranbirkapoor	2022-09-05
110	guntur kaaram	maheshbabu	2024-01-12
115	spyder	maheshbabu	2017-10-22
120	magadheera	ramcharan	2009-02-26

movies 12 ✕   Apply   Revert

Q)Write records only from ID no 107 to 116

```
1021 •    select * from movies where movie_id between 107 and 116;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: ⫶A

movie_id	movie_name	actor_name	release_date
▶ 107	kantara	rishabshetty	2022-08-21
108	kalki2898ad	prabhas	2024-05-24
109	sitaramam	dulquersalman	2022-06-14
110	guntur kaaram	maheshbabu	2024-01-12
111	adipurush	prabhas	2023-06-18
112	bheemla nayak	pawankalyan	2022-02-14
113	leo	Thalapathi vijay	2023-09-16
114	bhagvanth kesari	balakrishna	2023-09-15

movies 13 ✕   Apply   Revert

- **There is another table, also called as Director's table**

Assignments* ×

```
1029
1030
1031 •    select * from directors;
1032
1033    |
```

Result Grid | Filter Rows: _____ | Edit: | Exc

director_id	director_name
1005	naga ashwin
1006	sanjay leela bansali
1007	raj kumar hirani
1008	puri jagannath
1009	VV.vinayak
1010	lokesh kanaga raj
1011	vetrimaran
1012	shankar

- **How many awards came for movies**

```
1029
1030
1031 •    select * from awards;|
1032
1033
```

Result Grid | Filter Rows: _____ | Export: | Wrap Cell Content: IA

movie_id	movie_name	awards
106	Devara	2
107	kantara	7
108	kalki2898ad	4
109	sitaramam	6
110	guntur kaaram	5
113	leo	2
114	bhagvanth kesari	1
115	spyder	4

- **Movies yet to come under Mythri moviemaker's production house**

Limit to 1000 rows

```
1029
1030
1031 ●    select * from mythri_makers_production_house;
1032
1033
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: A

name_of_movie	director_id
OG	1013
NBK109	1020
AA20	1001
devara part2	1014
NTR32	1004
krack2	1015
pushpa2	1003

mythri_makers_production_hou... ✕

Q)Show the records of awards to the form of descending order from theawards table

Limit to 1000 rows

```
1032
1033
1034 ●    select * from awards
1035      order by awards desc;
1036
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: A

movie_id	movie_name	awards
101	pushpa	9
118	Robo	8
107	kantara	7
109	sitaramam	6
120	magadheera	6
110	guntur kaaram	5
119	vikram	5
102	bahubali the beggining	5
108	kalki2898ad	4
115	spyder	4
103	kgf	4
105	brahmastra	3
106	Devara	2
113	leo	2
116	dasara	2
104	rrr	2
112	bheemla nayak	2

- **Group by clause having from awards table**


```
1032
1033
1034 • select count(awards),awards from awards
1035     group by awards;
1036
```

count(awards)	awards
5	2
1	7
3	4
2	6
3	5
3	1
1	8
1	9
1	3

Q)show inner join for the Movies table and Awards table

```
1037
1038 • select * from movies as m inner join awards as a
1039     on m.movie_id = a.movie_id;
1040
1041
1042
```

movie_id	movie_name	actor_name	release_date	movie_id	movie_name	awards
106	Devara	NTR	2024-09-21	106	Devara	2
107	kantara	rishabshetty	2022-08-21	107	kantara	7
108	kalki2898ad	prabhas	2024-05-24	108	kalki2898ad	4
109	sitaramam	dulquersalman	2022-06-14	109	sitaramam	6
110	guntur kaaram	maheshbabu	2024-01-12	110	guntur kaaram	5
113	leo	Thalapathi vijay	2023-09-16	113	leo	2
114	bhagvanth kesari	balakrishna	2023-09-15	114	bhagvanth kesari	1
115	snyder	maheshbabu	2017-10-22	115	snyder	4

Q)What upcoming films are coming under Mythri production house and who are the directors of those films? Do the query by using left join.

```
1041
1042
1043 •    select name_of_movie,director_name from mythri_makers_production_house as m
1044      left join directors as d
1045      on m.director_id = d.director_id;
1046
1047
1048
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: $\underline{\mathbf{A}}$

name_of_movie	director_name
OG	sujith
NBK109	bobby kolli
AA20	trivikram
devara part2	koratala siva
NTR32	prashant neel
krack2	gopichand mailineni
pushpa2	sukumar

Q)How many awards have the Actors received here?

```
1046
1047 •    select actor_name,awards from movies as m
1048      right join awards as a
1049      on m.movie_id = a.movie_id;
1050
1051
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: $\underline{\mathbf{A}}$

actor_name	awards
NTR	2
rishabshetty	7
prabhas	4
dulquersalman	6
maheshbabu	5

Result 43 ×