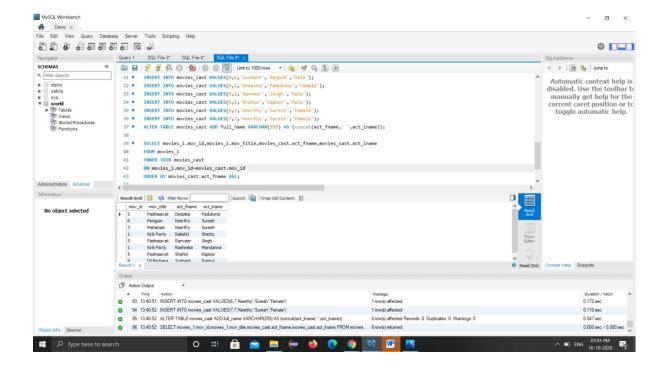
DBMS ASSIGNMENT -5

1. INNER JOIN

```
a)
CREATE TABLE movies 1 (
mov id INT NOT NULL PRIMARY KEY,
mov_title CHAR(45) NOT NULL,
mov_rel_date_year DATE NOT NULL,
mov_lang CHAR(45) NOT NULL,
mov country CHAR(45) NOT NULL,
mov_duration INT NOT NULL,
Constraint uq_mov_id Unique (mov_id)
);
INSERT INTO movies 1(mov id,mov title,mov rel date year
,mov lang,mov country
,mov duration)
VALUES(1,'Kirik Party','2018-06-15','Kannada','India','2');
INSERT INTO movies 1 VALUES(2, 'Parasite', '2019-06-
18', 'Korean', 'South Korea', '3');
INSERT INTO movies 1 VALUES(3, 'Anabell', '2008-07-
14', 'English', 'America', '2');
INSERT INTO movies 1 VALUES(4, 'Dil Bechara', '2020-07-
10','Hindi','India','2');
```

```
INSERT INTO movies 1 VALUES(5, 'Padmaavat', '2017-03-
12','Hindi','India','2');
INSERT INTO movies_1 VALUES(6,'Penguin','2020-06-
11','Tamil','India','2');
INSERT INTO movies 1 VALUES(7, 'Mahanati', '2018-03-
11','Tamil','India','2');
CREATE TABLE movies cast (
mov id INT NOT NULL,
act id INT NOT NULL,
act fname VARCHAR(255) NOT NULL,
act Iname VARCHAR(255) NOT NULL,
act gender CHAR(10) NOT NULL DEFAULT 'Male',
primary key (mov id, act id)
);
INSERT INTO
movies cast(mov id,act id,act fname,act lname,act gender
VALUES(1,3,'Rakshit','Shetty','Male');
INSERT INTO movies cast
VALUES(1,4,'Rashmika','Mandanna','Female');
INSERT INTO movies cast
VALUES(4,6,'Sushant','Rajput','Male');
INSERT INTO movies cast
VALUES(5,1,'Deepika','Padukone','Female');
```

```
INSERT INTO movies cast
VALUES(5,2,'Ranveer','Singh','Male');
INSERT INTO movies cast
VALUES(5,5,'Shahid','Kapoor','Male');
INSERT INTO movies cast
VALUES(6,7,'Keerthy','Suresh','Female');
INSERT INTO movies cast
VALUES(7,7,'Keerthy','Suresh','Female');
ALTER TABLE movies cast ADD full name VARCHAR(255) AS
(concat(act_fname,' ',act_Iname));
SELECT
movies 1.mov id, movies 1.mov title, movies cast.act fnam
e,movies cast.act Iname
FROM movies 1
INNER JOIN movies cast
ON movies 1.mov id=movies cast.mov id
ORDER BY movies cast.act fname ASC;
OUTPUT:
```



```
b)

CREATE TABLE movies_1 (

mov_id INT NOT NULL PRIMARY KEY,

mov_title CHAR(45) NOT NULL,

mov_rel_date_year DATE NOT NULL,

mov_lang CHAR(45) NOT NULL,

mov_country CHAR(45) NOT NULL,

mov_duration INT NOT NULL,

Constraint uq_mov_id Unique (mov_id)
);
```

```
INSERT INTO movies_1(mov_id,mov_title,mov_rel_date_year ,mov_lang ,mov_country ,mov_duration)

VALUES(1,'Kirik Party','2018-06-15','Kannada','India','2');
```

```
INSERT INTO movies 1 VALUES(2, 'Parasite', '2019-06-
18', 'Korean', 'South Korea', '3');
INSERT INTO movies 1 VALUES(3, 'Anabell', '2008-07-
14', 'English', 'America', '2');
INSERT INTO movies 1 VALUES(4, 'Dil Bechara', '2020-07-
10','Hindi','India','2');
INSERT INTO movies 1 VALUES(5, 'Padmaavat', '2017-03-
12','Hindi','India','2');
INSERT INTO movies 1 VALUES(6, 'Penguin', '2020-06-
11','Tamil','India','2');
INSERT INTO movies 1 VALUES(7, 'Mahanati', '2018-03-
11','Tamil','India','2');
CREATE TABLE movie director(
mov id INT NOT NULL,
dir fname VARCHAR(255) NOT NULL,
dir Iname VARCHAR(255) NOT NULL,
FOREIGN KEY(mov id) REFERENCES movies 1(mov id)
);
INSERT INTO movie director(mov id,dir fname,dir lname)
VALUES (1,'Rishab','Shetty');
INSERT INTO movie director VALUES(2,'Bong','Joon-ho');
INSERT INTO movie director VALUES(5, 'Sanjay', 'Bhansali');
```

SELECT

movies_1.mov_id,movies_1.mov_title,movie_director.dir_fn ame,movie_director.dir_lname

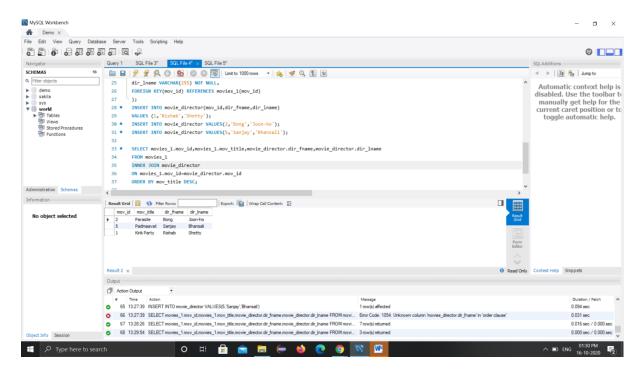
FROM movies_1

INNER JOIN movie_director

ON movies_1.mov_id=movie_director.mov_id

ORDER BY mov_title DESC;

OUTPUT:



c)

CREATE TABLE movies_1 (
mov_id INT NOT NULL PRIMARY KEY,
mov_title CHAR(45) NOT NULL,
mov_rel_date_year DATE NOT NULL,
mov_lang CHAR(45) NOT NULL,
mov_country CHAR(45) NOT NULL,
mov duration INT NOT NULL,

```
Constraint ug mov id Unique (mov id)
);
INSERT INTO movies 1(mov id,mov title,mov rel date year
,mov lang,mov country
,mov duration)
VALUES(1,'Kirik Party','2018-06-15','Kannada','India','2');
INSERT INTO movies 1 VALUES(2, 'Parasite', '2019-06-
18', 'Korean', 'South Korea', '3');
INSERT INTO movies 1 VALUES(3, 'Anabell', '2008-07-
14', 'English', 'America', '2');
INSERT INTO movies 1 VALUES(4, 'Dil Bechara', '2020-07-
10','Hindi','India','2');
INSERT INTO movies 1 VALUES(5, 'Padmaavat', '2017-03-
12','Hindi','India','2');
INSERT INTO movies 1 VALUES(6, 'Penguin', '2020-06-
11','Tamil','India','2');
INSERT INTO movies 1 VALUES(7, 'Mahanati', '2018-03-
11','Tamil','India','2');
CREATE TABLE movies award1(
Award id INT NOT NULL PRIMARY KEY,
mov id INT NOT NULL,
title VARCHAR(255) NOT NULL,
FOREIGN KEY (mov id) REFERENCES movies 1(mov id)
);
```

INSERT INTO movies_award1(Award_id,mov_id,title)
VALUES(1,2,'Oscar');

INSERT INTO movies_award1 VALUES(2,5,'IIFA awards');

INSERT INTO movies_award1 VALUES(3,7,'National Filmfare award');

INSERT INTO movies award1 VALUES(4,1,'Filmfare award');

SELECT

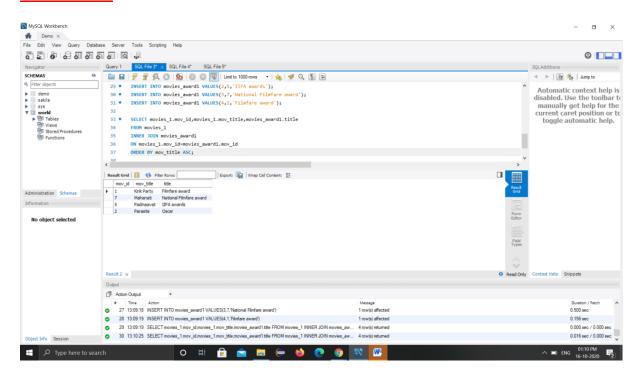
movies_1.mov_id,movies_1.mov_title,movies_award1.title

FROM movies_1

INNER JOIN movies_award1

ON movies_1.mov_id=movies_award1.mov_id

ORDER BY mov title ASC;



2.RIGHT JOIN

a)

SELECT

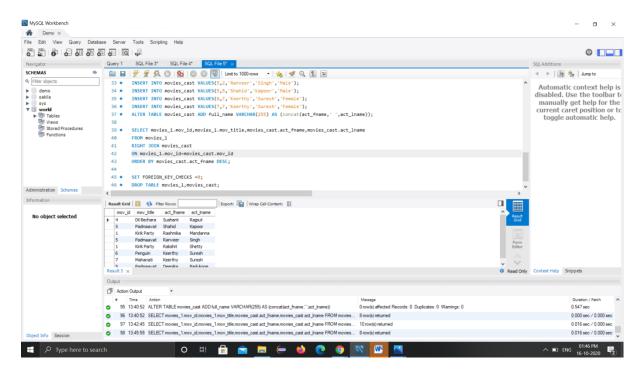
movies_1.mov_id,movies_1.mov_title,movies_cast.act_fname e,movies_cast.act_lname

FROM movies_1

RIGHT JOIN movies_cast

ON movies_1.mov_id=movies_cast.mov_id

ORDER BY movies_cast.act_fname DESC;



b)

SELECT

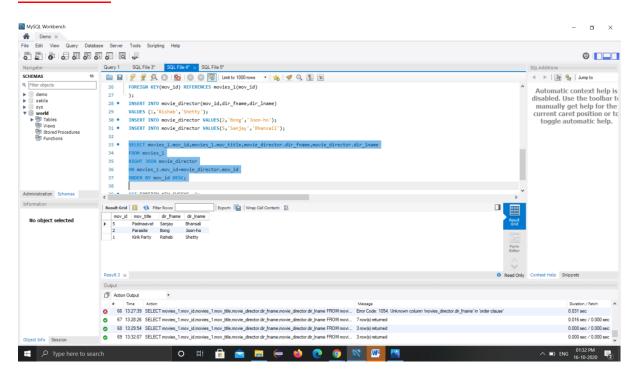
movies_1.mov_id,movies_1.mov_title,movie_director.dir_fn ame,movie_director.dir_lname

FROM movies_1

RIGHT JOIN movie_director

ON movies_1.mov_id=movie_director.mov_id

ORDER BY mov_id DESC;



c)

SELECT

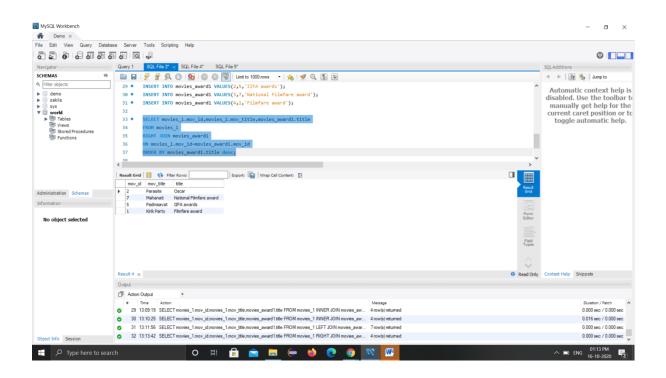
movies_1.mov_id,movies_1.mov_title,movies_award1.title

FROM movies_1

RIGHT JOIN movies_award1

ON movies_1.mov_id=movies_award1.mov_id

ORDER BY movies_award1.title desc;



3.LEFT JOIN

a)

SELECT

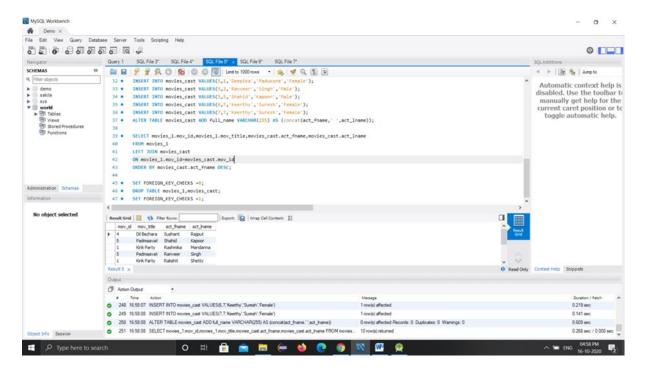
movies_1.mov_id,movies_1.mov_title,movies_cast.act_fname e,movies_cast.act_lname

FROM movies_1

LEFT JOIN movies_cast

ON movies_1.mov_id=movies_cast.mov_id

ORDER BY movies_cast.act_fname DESC;



b)

SELECT

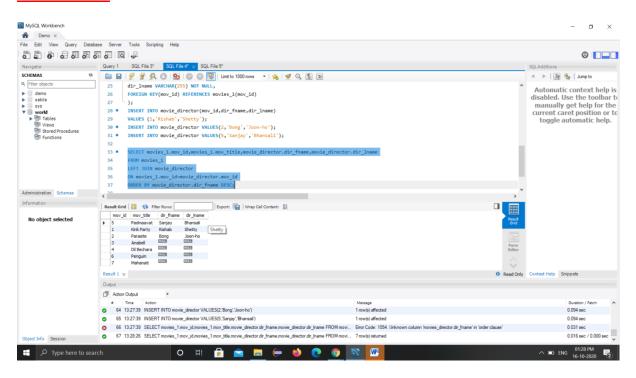
movies_1.mov_id,movies_1.mov_title,movie_director.dir_fn ame,movie_director.dir_lname

FROM movies_1

LEFT JOIN movie_director

ON movies_1.mov_id=movie_director.mov_id

ORDER BY movie_director.dir_fname DESC;



c)

SELECT

movies_1.mov_id,movies_1.mov_title,movies_award1.title

FROM movies_1

RIGHT JOIN movies_award1

ON movies_1.mov_id=movies_award1.mov_id

ORDER BY mov_title ASC;

