DBMS LAB ASSIGNMENT - 4

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1.

QUERY-1

```sql
select actor_name, actor_age, actor_gender from actors
where actor_age in (
                    select actor_age
                    from actors
                    where actor_age > 25
);
```

83 %

⊞ Results ▧ Messages

	actor_name	actor_age	actor_gender
1	Robert De Niro	26	M
2	Kevin Spacey	30	M
3	Denzel Washington	32	M
4	Russell Crowe	28	M
5	Brad Pitt	31	M
6	Charlize Theron	27	F

QUERY-2

```sql
select actor_name, actor_age, actor_gender from actors
where actor_age in (
                    select actor_age
                    from actors
                    where actor_age > 25
);

select movie_name from movies
where movie_genre in (
                    select movie_genre
                    from movies
                    where movie_genre = 'Sci-Fi'
);
```
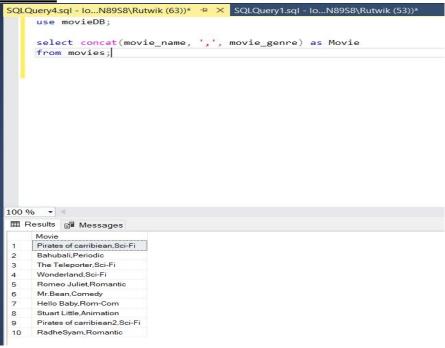
83 %

⊞ Results ▧ Messages

	actor_name	actor_age	actor_gender
1	Robert De Niro	26	M
2	Kevin Spacey	30	M
3	Denzel Washington	32	M
4	Russell Crowe	28	M
5	Brad Pitt	31	M
6	Charlize Theron	27	F

	movie_name
1	Pirates of carribiean
2	The Teleporter
3	Wonderland
4	Pirates of carribie...

QUERY-3

```sql
select director_name,producer_name,musicdirector_name from crew
where movie_id in(
    select movie_id
    from movies
    where movie_id =1
)
```

110 %

Results   Messages

	director_name	producer_name	musicdirector_name
1	bhaskar	prabhu	charan

QUERY-4

```sql
select director_name,producer_name,musicdirector_name from crew
where movie_id in(
    select movie_id
    from movies
    where movie_id =6
);
```

110 %

Results   Messages

	director_name	producer_name	musicdirector_name
1	goutam	goutham	dinesh

QUERY-5

```sql
select director_name,producer_name,musicdirector_name from crew
where movie_id in(
    select movie_id
    from movies
    where movie_id =6
);
select director_name from crew
where movie_id in (
                    select movie_id
                    from movies
                    where movie_id = 9
);
```

110 %

Results   Messages

	director_name
1	rao

2.

QUERY-1

```
SQLQuery4.sql - lo...N89S8\Rutwik (63))*    ╬ ×    SQLQuery1.sql - lo...N89S8\Rutwik (53))*
    use movieDB;

    select concat(movie_name, ',', movie_genre) as Movie
    from movies;
```

100 %

Results | Messages

	Movie
1	Pirates of carribiean,Sci-Fi
2	Bahubali,Periodic
3	The Teleporter,Sci-Fi
4	Wonderland,Sci-Fi
5	Romeo Juliet,Romantic
6	Mr.Bean,Comedy
7	Hello Baby,Rom-Com
8	Stuart Little,Animation
9	Pirates of carribiean2,Sci-Fi
10	RadheSyam,Romantic

QUERY-2

```
SQLQuery4.sql - lo...N89S8\Rutwik (63))*   ╬ ×   SQLQuery1.sql - lo...N89S8\Rutwik (53))*        SQLQuery3.sql - lo...N89S8\Rutwik
    use movieDB;

    select concat(director_name, ',', producer_name,',',musicdirector_name) as Crew
    from crew
    where crew_id=2 or crew_id = 5;
```

100 %

Results | Messages

	Crew
1	satwik,rutwik,ganesh
2	veera,ravi,teja

QUERY-3

```
SQLQuery4.sql - lo...N89S8\Rutwik (63))*   ╬  ×   SQLQuery1.sql - lo...N89S8\Rutwik (53))*
    use movieDB;

    select concat(actor_name, '    ', actor_age) as Actor_Details
    from actors;
```

100 %

Results | Messages

	Actor_Details
1	Johnny Depp 23
2	Al Pacino 25
3	Robert De Niro 26
4	Kevin Spacey 30
5	Denzel Washington 32
6	Russell Crowe 28
7	Brad Pitt 31
8	Angelina Jolie 22
9	Kate Winslet 21
10	Charlize Theron 27

3.

QUERY-1 FOR =

```
select * from actors
where actor_age = 26;
```

83 %

Results | Messages

	actor_ID	actor_name	actor_age	actor_gender
1	3	Robert De Niro	26	M

QUERY-2 FOR =

```
use MovieDB

select * from actors
where actor_gender = 'F';
```

83 %

Results | Messages

	actor_ID	actor_name	actor_age	actor_gender
1	8	Angelina Jolie	22	F
2	9	Kate Winslet	21	F
3	10	Charlize Theron	27	F

QUERY-1 FOR >

```
use MovieDB

select * from actors
where actor_age > 30;
```

83 %

Results | Messages

	actor_ID	actor_name	actor_age	actor_gender
1	5	Denzel Washington	32	M
2	7	Brad Pitt	31	M

QUERY-2 FOR >

```
select * from actors
where actor_age > 25;
```

83 % ▾ ◀

⊞ Results ⊟ Messages

	actor_ID	actor_name	actor_age	actor_gender
1	3	Robert De Niro	26	M
2	4	Kevin Spacey	30	M
3	5	Denzel Washington	32	M
4	6	Russell Crowe	28	M
5	7	Brad Pitt	31	M
6	10	Charlize Theron	27	F

QUERY-1 FOR <

```
select * from actors
where actor_age < 31;
```

83 % ▾ ◀

⊞ Results ⊟ Messages

	actor_ID	actor_name	actor_age	actor_gender
1	1	Johnny Depp	23	M
2	2	Al Pacino	25	M
3	3	Robert De Niro	26	M
4	4	Kevin Spacey	30	M
5	6	Russell Crowe	28	M
6	8	Angelina Jolie	22	F
7	9	Kate Winslet	21	F
8	10	Charlize Theron	27	F

QUERY-2 FOR <

```
select * from actors
where actor_age < 25;
```

83 % ▾ ◀

⊞ Results ⊟ Messages

	actor_ID	actor_name	actor_age	actor_gender
1	1	Johnny Depp	23	M
2	8	Angelina Jolie	22	F
3	9	Kate Winslet	21	F

QUERY-1 FOR >=

```
select * from actors
where actor_age >= 25;
```

83 %

⊞ Results ᠍ Messages

	actor_ID	actor_name	actor_age	actor_gender
1	2	Al Pacino	25	M
2	3	Robert De Niro	26	M
3	4	Kevin Spacey	30	M
4	5	Denzel Washington	32	M
5	6	Russell Crowe	28	M
6	7	Brad Pitt	31	M
7	10	Charlize Theron	27	F

QUERY-2 FOR >=

```
select * from actors
where actor_age >= 30;
```

83 %

⊞ Results ᠍ Messages

	actor_ID	actor_name	actor_age	actor_gender
1	4	Kevin Spacey	30	M
2	5	Denzel Washington	32	M
3	7	Brad Pitt	31	M

QUERY-1 FOR <=

```sql
select * from actors
where actor_age <= 25;
```

83 %

Results | **Messages**

	actor_ID	actor_name	actor_age	actor_gender
1	1	Johnny Depp	23	M
2	2	Al Pacino	25	M
3	8	Angelina Jolie	22	F
4	9	Kate Winslet	21	F

QUERY-2 FOR <=

```sql
select * from actors
where actor_age <= 30;
```

83 %

Results | **Messages**

	actor_ID	actor_name	actor_age	actor_gender
1	1	Johnny Depp	23	M
2	2	Al Pacino	25	M
3	3	Robert De Niro	26	M
4	4	Kevin Spacey	30	M
5	6	Russell Crowe	28	M
6	8	Angelina Jolie	22	F
7	9	Kate Winslet	21	F
8	10	Charlize Theron	27	F

QUERY-1 FOR <>

```
SQLQuery4.sql - Io...N89S8\Rutwik (63))*  ╬  ×   SQLQuery3.sql - Io
use movieDB;

select * from actors
where actor_gender <> 'M';
```

100 %   ▼   ◄

Results | **Messages**

	actor_ID	actor_name	actor_age	actor_gender
1	8	Angelina Jolie	22	F
2	9	Kate Winslet	21	F
3	10	Charlize Theron	27	F

QUERY-2 FOR <>

```
SQLQuery4.sql - Io...N89S8\Rutwik (63))*  ╬  ×   SQLQuery3.sql - Io
use movieDB;

select * from movies
where movie_genre <> 'Sci-Fi';
```

100 %   ▼   ◄

Results | **Messages**

	movie_id	movie_name	movie_genre	movies_ID
1	4	Bahubali	Periodic	2
2	8	Romeo Juliet	Romantic	5
3	2	Mr.Bean	Comedy	6
4	9	Hello Baby	Rom-Com	7
5	10	Stuart Little	Animation	8
6	7	RadheSyam	Romantic	10

4.

QUERY-1 FOR AND

```sql
select actor_name, actor_age, actor_gender from actors
where actor_age>=25 and actor_gender='M'
```

10 %

▦ Results ▣ Messages

	actor_name	actor_age	actor_gender
1	Al Pacino	25	M
2	Robert De Niro	26	M
3	Kevin Spacey	30	M
4	Denzel Washington	32	M
5	Russell Crowe	28	M
6	Brad Pitt	31	M

QUERY-2 FOR AND

```sql
select movie_id,movie_name,movie_genre from movies
where movie_id=1 and movie_genre='Sci-Fi'
```

110 %

▦ Results ▣ Messages

	movie_id	movie_name	movie_genre
1	1	Pirates of carribiean	Sci-Fi

QUERY-1 FOR OR

```sql
select actor_name, actor_age, actor_gender from actors
where actor_age>=25 or actor_gender='M'
```

110 %

▦ Results ▣ Messages

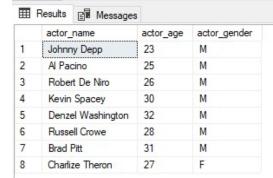|	actor_name	actor_age	actor_gender
1	Johnny Depp	23	M
2	Al Pacino	25	M
3	Robert De Niro	26	M
4	Kevin Spacey	30	M
5	Denzel Washington	32	M
6	Russell Crowe	28	M
7	Brad Pitt	31	M
8	Charlize Theron	27	F

Query-2 for OR

```sql
select actor_name, actor_age, actor_gender from actors
where actor_age>=24 or actor_gender='F'
```

110 %

⊞ Results 📄 Messages

	actor_name	actor_age	actor_gender
1	Al Pacino	25	M
2	Robert De Niro	26	M
3	Kevin Spacey	30	M
4	Denzel Washington	32	M
5	Russell Crowe	28	M
6	Brad Pitt	31	M
7	Angelina Jolie	22	F
8	Kate Winslet	21	F
9	Charlize Theron	27	F

Query-1 for NOT

```sql
select actor_name, actor_age, actor_gender from actors
where not actor_gender='M'
```

110 %

⊞ Results 📄 Messages

	actor_name	actor_age	actor_gender
1	Angelina Jolie	22	F
2	Kate Winslet	21	F
3	Charlize Theron	27	F

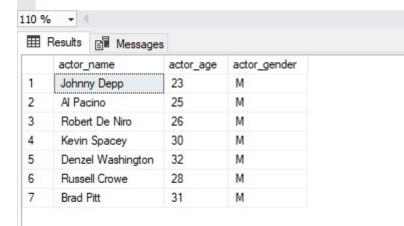# Query-2 for NOT

```sql
select actor_name, actor_age, actor_gender from actors
where not actor_gender='F'
```

110 %

⊞ Results 📄 Messages

	actor_name	actor_age	actor_gender
1	Johnny Depp	23	M
2	Al Pacino	25	M
3	Robert De Niro	26	M
4	Kevin Spacey	30	M
5	Denzel Washington	32	M
6	Russell Crowe	28	M
7	Brad Pitt	31	M

Query-1 for IN

```sql
select actor_name, actor_age, actor_gender from actors
where actor_age in (31);
```

	actor_name	actor_age	actor_gender
1	Brad Pitt	31	M

Query-2 for IN

```sql
select actor_name, actor_age, actor_gender from actors
where actor_age in (22);
```

	actor_name	actor_age	actor_gender
	Angelina Jolie	22	F

Query-1 for BETWEEN

```sql
select actor_name, actor_age, actor_gender from actors
where actor_age between 25 and 31;
```

	actor_name	actor_age	actor_gender
1	Al Pacino	25	M
2	Robert De Niro	26	M
3	Kevin Spacey	30	M
4	Russell Crowe	28	M
5	Brad Pitt	31	M
6	Charlize Theron	27	F

Query-2 for BETWEEN

```sql
select actor_name, actor_age, actor_gender from actors
where actor_age between 27 and 31;
```

	actor_name	actor_age	actor_gender
1	Kevin Spacey	30	M
2	Russell Crowe	28	M
3	Brad Pitt	31	M
4	Charlize Theron	27	F