DBMS LAB ASSIGNMENT - 4

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1.

Query-1

```
select actor name, actor age, actor gender from actors
    where actor_age in (
                       select actor_age
                       from actors
                       where actor_age > 25
   );
actor name
                      actor_age
                                 actor_gender
     Robert De Niro
                       26
                                 M
2
     Kevin Spacey
                       30
     Denzel Washington
                      32
                                 M
     Russell Crowe
                       28
                                 M
     Brad Pitt
                       31
                                 M
     Charlize Theron
                                 F
                      27
```

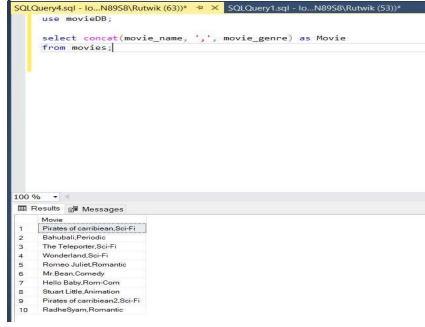
Query-2

```
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 %
        - 4
Results Messages
      Kevin Spacey
2
                                    M
3
      Denzel Washington
                                    М
                                    M
4
      Russell Crowe
                         28
      Brad Pitt
                         31
                                    M
5
6
      Charlize Theron
      movie_name
     Pirates of carribiean
2
      The Teleporter
3
      Wonderland
 4
      Pirates of carribie...
```

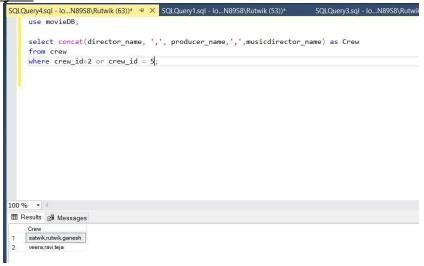
Query-3

```
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
              bhaskar
                             prabhu
                                            charan
Query-4
            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
                    goutham
Query-5
           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
         Results Messages
            director_name
           rao
```

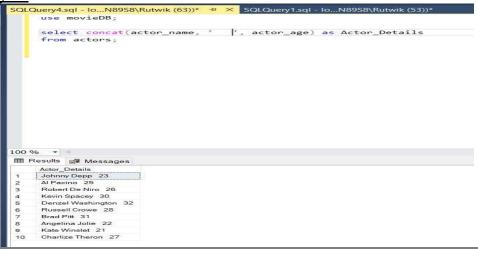
Query-1



Query-2



Query-3



```
B3 %

Results Messages

actor_ID actor_name actor_age actor_gender
1 3 Robert De Niro 26 M
```

Query-2 for =

```
=select * from actors
    where actor_gender = 'F';
83 %
actor_name
     actor_ID
                            actor_age
                                     actor_gender
1
     8
              Angelina Jolie
                            22
                                      F
2
     9
              Kate Winslet
                            21
3
     10
              Charlize Theron
```

Query-1 for >

```
=select * from actors
    where actor age > 30;
83 %
       - 4
actor_ID
             actor_name
                              actor_age
                                       actor_gender
1
             Denzel Washington
                              32
                                       M
2
             Brad Pitt
                              31
                                       M
```

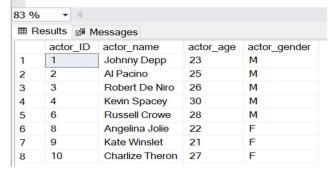
Query-2 for >

```
□select * from actors
| where actor age > 25;
```

33 %	•			
⊞ F	Results 🗐 N	lessages		
	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;
```



Query-2 for <

```
□select * from actors
| where actor age < 25;
```

33 %	• ▼ ◀			
⊞ F	Results 📠 N	lessages		
	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 % actor_ID actor_name actor_age actor_gender 2 Al Pacino 25 M 1 3 Robert De Niro M 2 26 3 4 Kevin Spacey 30 M 5 4 Denzel Washington 32 M 5 6 Russell Crowe 28 M 6 7 **Brad Pitt** 31 M

27

F

Ouery-2 for >=

10

```
□select * from actors
| where actor age >= 30;
```

Charlize Theron



Query-1 for <=

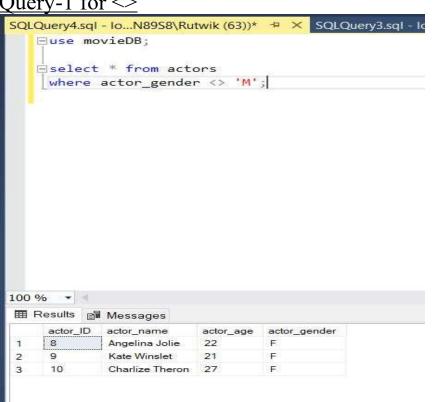




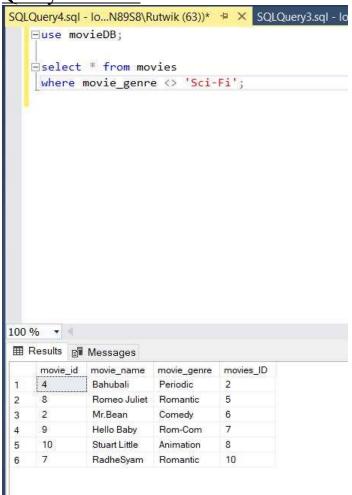
Query-2 for <=

```
=select * from actors
    where actor age <= 30;
83 %
actor_name
                                       actor_gender
      actor_ID
                             actor_age
               Johnny Depp
                             23
                                        M
2
      2
               Al Pacino
                             25
                                        Μ
3
      3
               Robert De Niro
                             26
                                        M
 4
      4
               Kevin Spacey
                              30
                                        Μ
5
      6
               Russell Crowe
                             28
                                        M
6
                                        F
      8
               Angelina Jolie
                             22
 7
      9
               Kate Winslet
                             21
                                        F
      10
               Charlize Theron 27
                                        F
```

Query-1 for <>

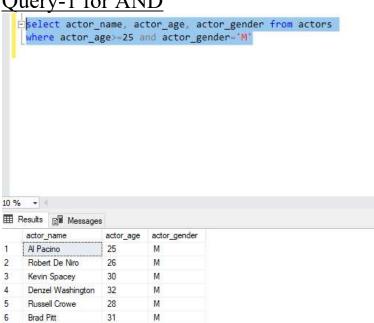


Query-2 for <>

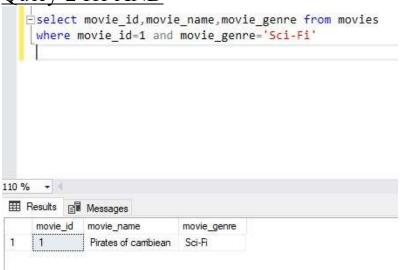


4.

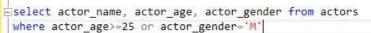
Query-1 for AND



Query-2 for AND



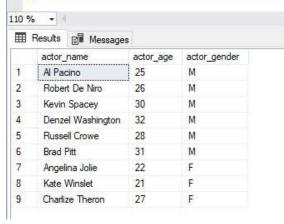
Query-1 for OR

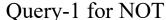


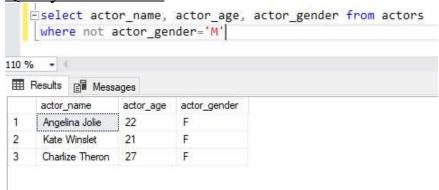


Query-2 for OR

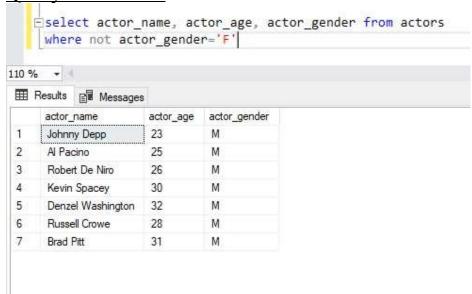
select actor_name, actor_age, actor_gender from actors where actor_age>=24 or actor_gender='F'



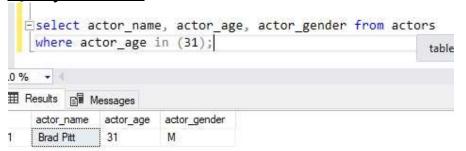




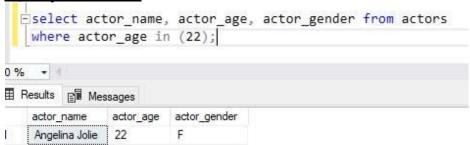
Query-2 for NOT



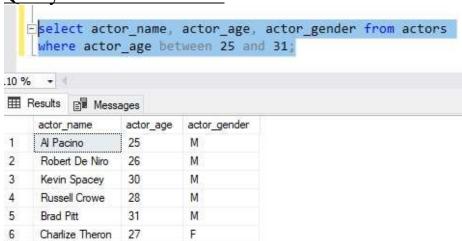
Query-1 for IN



Query-2 for IN



Query-1 for BETWEEN



Query-2 for BETWEEN

