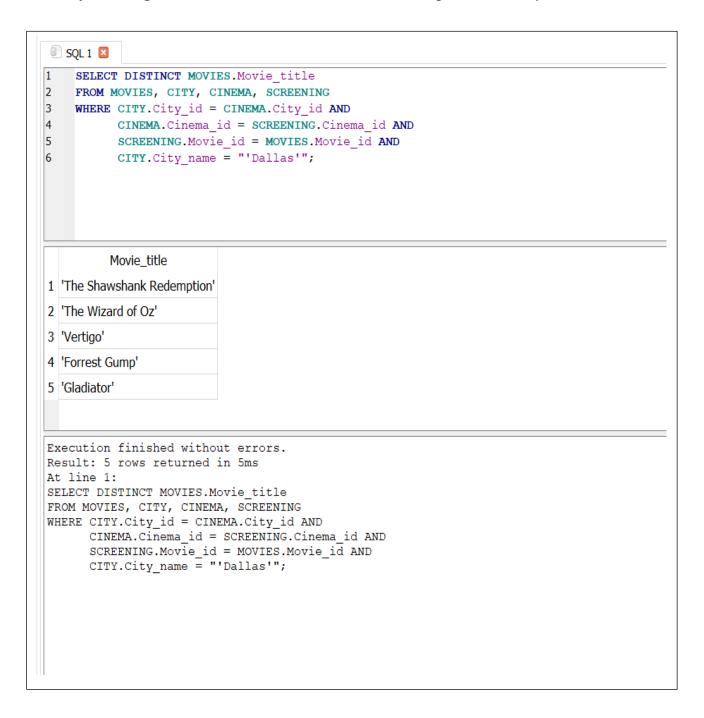
SQL QUERIES

2. Enter a city name and retrieve all the movies that are released within that particular city.

The following shows the movies released within the particular city Dallas.



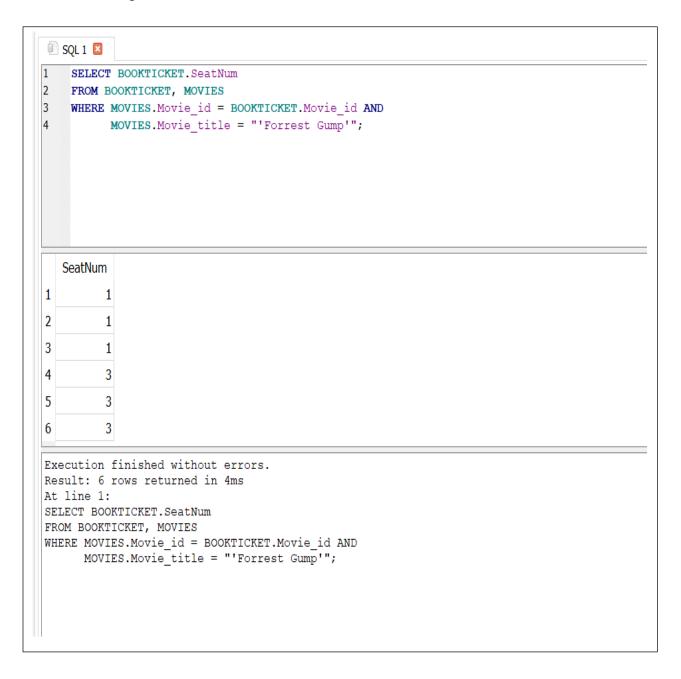
3. List all cinemas that are showing a particular movie.

The following shows all the cinemas that are showing the particular movie Vertigo.

```
SQL 1 
    SELECT DISTINCT CINEMA.Cinema_name, MOVIES.Movie_title
    FROM CINEMA, SCREENING, MOVIES
3
    WHERE CINEMA.Cinema id = SCREENING.Cinema id AND
4
          SCREENING.Movie id = MOVIES.Movie id AND
5
          MOVIES.Movie title = "'Vertigo'";
   Cinema_name
                Movie_title
1 'Cinemaprism'
               'Vertigo'
Execution finished without errors.
Result: 1 rows returned in 6ms
SELECT DISTINCT CINEMA.Cinema name, MOVIES.Movie title
FROM CINEMA, SCREENING, MOVIES
WHERE CINEMA.Cinema id = SCREENING.Cinema id AND
      SCREENING.Movie_id = MOVIES.Movie_id AND
      MOVIES.Movie title = "'Vertigo'";
```

4. List the seats that are booked in all cinemas for a particular movie.

The following shows the seats that are booked for all cinemas for the particular movie Forrest Gump. Seats 1 and 3 are booked in all cinemas for the movie Forrest Gump.



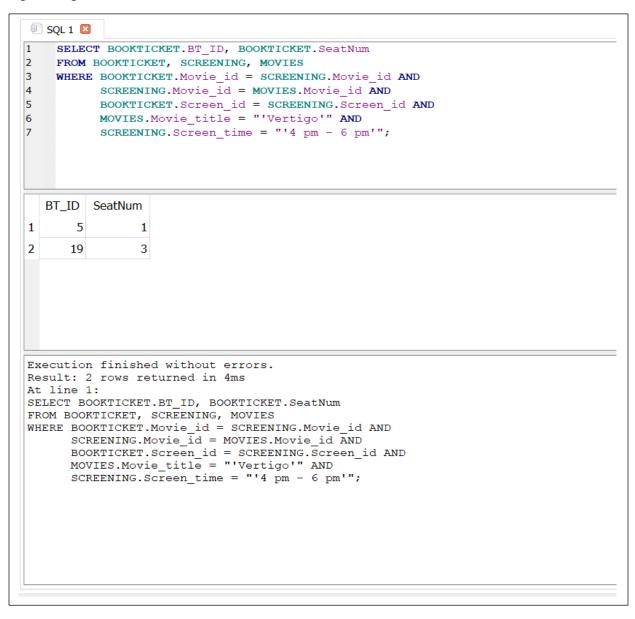
5. Given a specific cinema and movie list the showing times for that movie.

The following shows the showing time/screen time for the specific cinema Fuze Cinema and the specific movie Gladiator.

```
SQL 1
   SELECT SCREENING Screen_time
   FROM SCREENING, MOVIES, CINEMA
   WHERE SCREENING.Cinema_id = CINEMA.Cinema_id AND
     SCREENING.Movie_id = MOVIES.Movie_id AND
        CINEMA.Cinema_name = "'Fuze Cinema'" AND
       MOVIES.Movie_title = "'Gladiator'";
  Screen_time
1 '4 pm - 6 pm'
Execution finished without errors.
Result: 1 rows returned in 5ms
At line 1:
SELECT SCREENING.Screen_time
FROM SCREENING, MOVIES, CINEMA
WHERE SCREENING.Cinema_id = CINEMA.Cinema_id AND
     SCREENING.Movie_id = MOVIES.Movie_id AND
     CINEMA.Cinema_name = "'Fuze Cinema'" AND
     MOVIES.Movie_title = "'Gladiator'";
```

6. Given a movie and session time how many seats are available.

The following shows the seats available for the movie Vertigo of session/screen time 4 pm - 6 pm. There are 2 seats available for the movie Vertigo at screen time 4 pm - 6 pm.



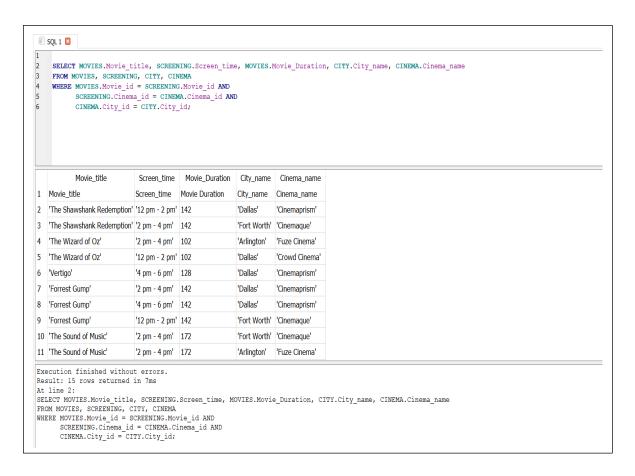
7. Given a reservation# list the cinema, movie session, and time where seats were booked.

The following shows the cinema, movie, time, and seat number for the reservation number i.e BT_ID 21.



8. List the movies with their corresponding time, city, and cinema name.

The following lists the movies with time, city, and cinema names.



Movie_title	Screen_time	Movie_Duration	City_name	Cinema_name
Movie_title	Screen_time	Movie Duration	City_name	Cinema_name
'The Shawshank Redemption'	'12 pm - 2 pm'	142	'Dallas'	'Cinemaprism'
'The Shawshank Redemption'	'2 pm - 4 pm'	142	'Fort Worth'	'Cinemaque'
'The Wizard of Oz'	'2 pm - 4 pm'	102	'Arlington'	'Fuze Cinema'
'The Wizard of Oz'	'12 pm - 2 pm'	102	'Dallas'	'Crowd Cinema
'Vertigo'	'4 pm - 6 pm'	128	'Dallas'	'Cinemaprism'
'Forrest Gump'	'2 pm - 4 pm'	142	'Dallas'	'Cinemaprism'
'Forrest Gump'	'4 pm - 6 pm'	142	'Dallas'	'Cinemaprism'
'Forrest Gump'	'12 pm - 2 pm'	142	'Fort Worth'	'Cinemaque'
'The Sound of Music'	'2 pm - 4 pm'	172	'Fort Worth'	'Cinemaque'
'The Sound of Music'	'2 pm - 4 pm'	172	'Arlington'	'Fuze Cinema'
'Gladiator'	'4 pm - 6 pm'	155	'Arlington'	'Fuze Cinema'
'Gladiator'	'2 pm - 4 pm'	155	'Dallas'	'Crowd Cinema
'Gladiator'	'2 pm - 4 pm'	155	'Dallas'	'Crowd Cinema
'Gladiator'	'12 pm - 2 pm'	155	'Dallas'	'Cinemaprism'

9. Given a session time list movie title and session times that do not have any seats available.

The following shows the movie title and session times that do not have any seats available for the session time of 2 pm - 4 pm.

