

IT 214 DBMS

Lab 9

Prepared by: Group S6_T9

ID	Name
201901076	Utsav Ladani
201901090	Pandar Mayur
201901131	Bhavya Solanki
201901304	Dev Joshi

**Dhirubhai Ambani Institute of Information and Communication
Technology**

16 Nov, 2021

1)

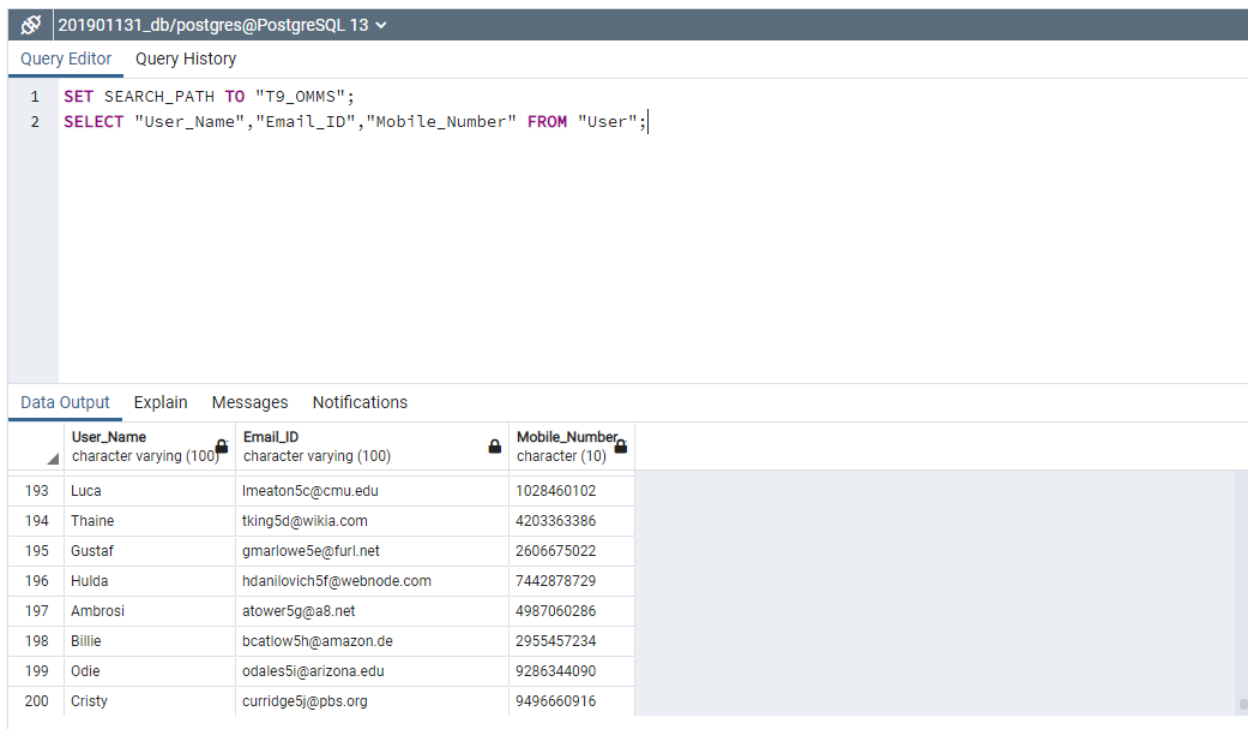
Plain English Query :

Show Details of Users (user name, email ID, phone number).

SQL Query :

```
SET SEARCH_PATH TO "T9_OMMS";  
SELECT "User_Name", "Email_ID", "Mobile_Number" FROM "User";
```

Snapshot :



The screenshot shows a PostgreSQL query editor interface. At the top, the database name is '201901131_db/postgres@PostgreSQL 13'. Below the title bar, there are tabs for 'Query Editor' and 'Query History'. The 'Query Editor' tab is active, displaying the following SQL query:

```
1 SET SEARCH_PATH TO "T9_OMMS";  
2 SELECT "User_Name", "Email_ID", "Mobile_Number" FROM "User";
```

Below the query editor, there are tabs for 'Data Output', 'Explain', 'Messages', and 'Notifications'. The 'Data Output' tab is active, showing a table with 3 columns: 'User_Name', 'Email_ID', and 'Mobile_Number'. The table contains 8 rows of data, with row numbers 193 through 200 visible on the left. The 'User_Name' column is of type 'character varying (100)', 'Email_ID' is 'character varying (100)', and 'Mobile_Number' is 'character (10)'. The data is as follows:

	User_Name character varying (100)	Email_ID character varying (100)	Mobile_Number character (10)
193	Luca	lmeaton5c@cmu.edu	1028460102
194	Thaine	tking5d@wikia.com	4203363386
195	Gustaf	gmarlowe5e@furl.net	2606675022
196	Hulda	hdanilovich5f@webnode.com	7442878729
197	Ambrosi	atower5g@a8.net	4987060286
198	Billie	bcatlow5h@amazon.de	2955457234
199	Odie	odales5i@arizona.edu	9286344090
200	Cristy	curridge5j@pbs.org	9496660916

Result Contains : 200 Tuples.

2)

Plain English Query :

Show Names of the All Admins.

SQL Query :

```
SET SEARCH_PATH TO "T9_OMMS";  
SELECT "Admin_Name" FROM "Admin";
```

Snapshot :

The screenshot shows a PostgreSQL query editor interface. At the top, the database connection is set to '201901131_db/postgres@PostgreSQL 13'. Below this, the 'Query Editor' tab is active, displaying the following SQL query:

```
1 SET SEARCH_PATH TO "T9_OMMS";  
2 SELECT "Admin_Name" FROM "Admin";
```

Below the query editor, the 'Data Output' tab is active, showing the results of the query. The results are displayed in a table with the following structure:

	Admin_Name character varying (100)
1	Utsav
2	Mayur
3	Bhavya
4	Dev

At the bottom right of the interface, a green status bar indicates: '✓ Successfully run. Total query runtime: 631 msec. 4 rows affected.'

Result Contains : 4 Tuples.

3)

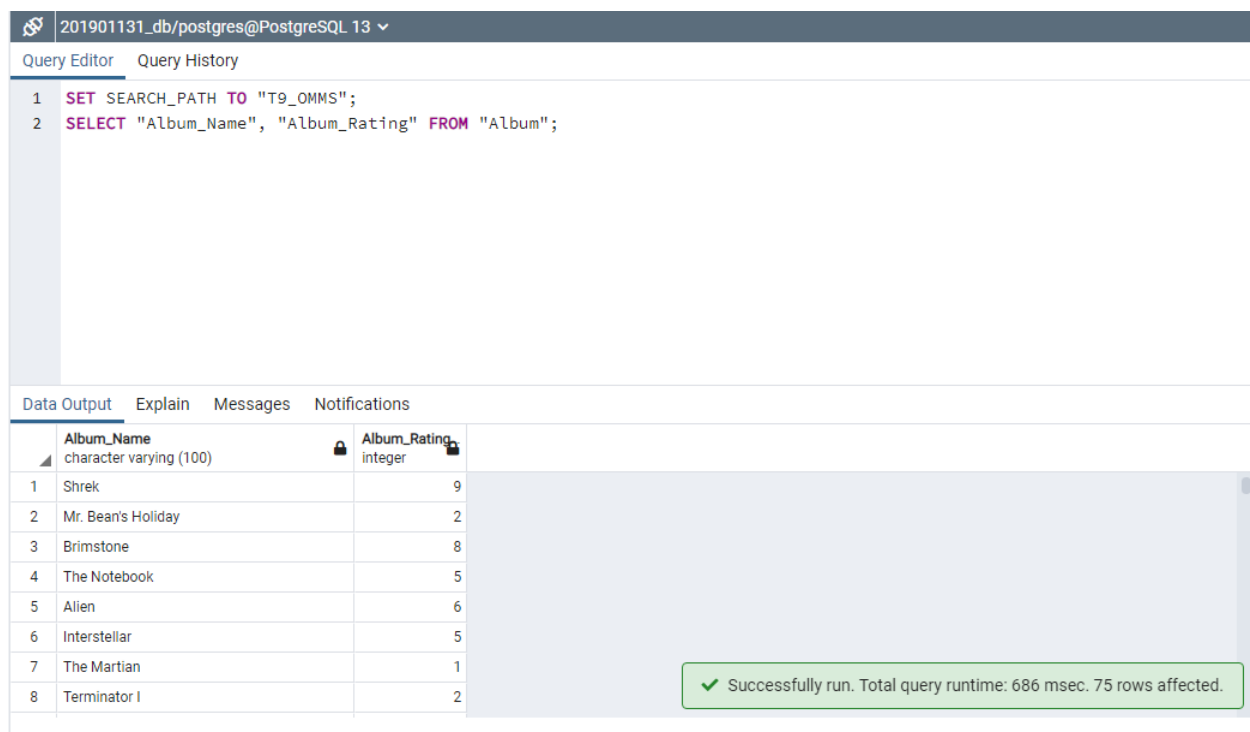
Plain English Query :

Show Rating of the Albums with Album Name.

SQL Query :

```
SET SEARCH_PATH TO "T9_OMMS";  
SELECT "Album_Name", "Album_Rating" FROM "Album";
```

Snapshot :



201901131_db/postgres@PostgreSQL 13 ▾

Query Editor Query History

```
1 SET SEARCH_PATH TO "T9_OMMS";  
2 SELECT "Album_Name", "Album_Rating" FROM "Album";
```

Data Output Explain Messages Notifications

	Album_Name character varying (100)	Album_Rating integer
1	Shrek	9
2	Mr. Bean's Holiday	2
3	Brimstone	8
4	The Notebook	5
5	Alien	6
6	Interstellar	5
7	The Martian	1
8	Terminator I	2

✓ Successfully run. Total query runtime: 686 msec. 75 rows affected.

Result Contains : 75 Tuples.

4)

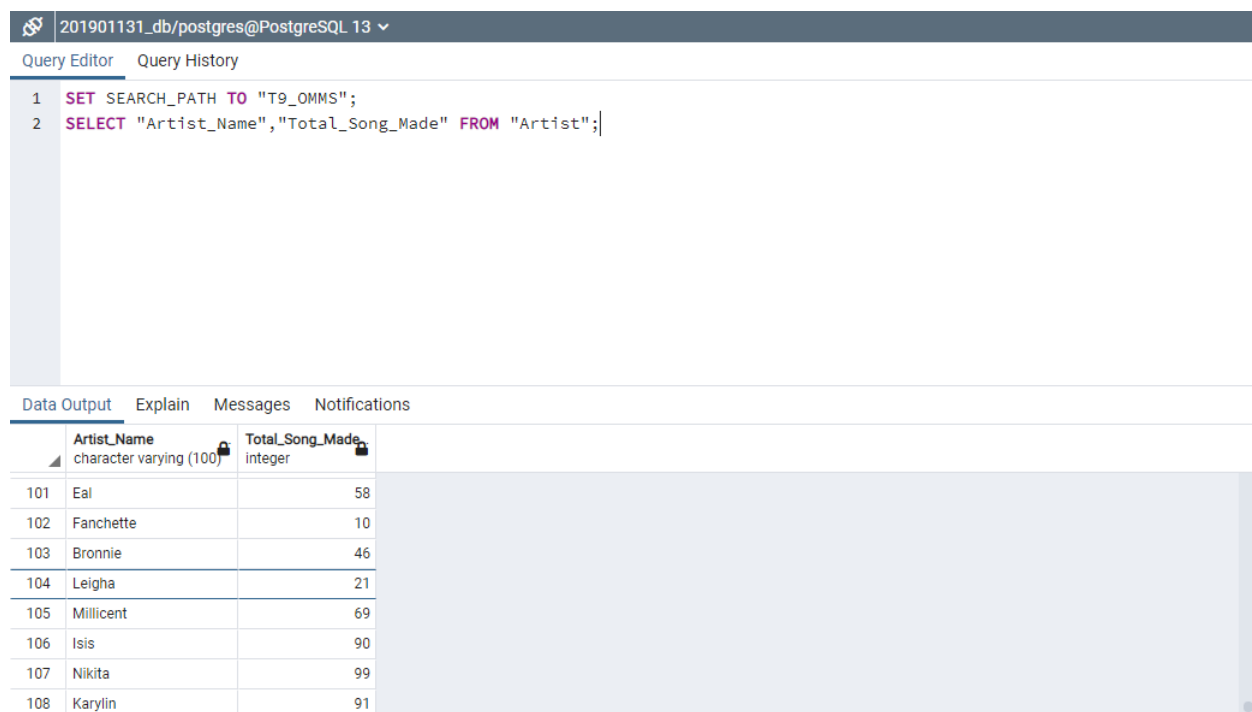
Plain English Query :

Show Count of How many songs an Artist has made along with Artist Name.

SQL Query :

```
SET SEARCH_PATH TO "T9_OMMS";  
SELECT "Artist_Name", "Total_Song_Made" FROM "Artist";
```

Snapshot :



The screenshot shows a PostgreSQL query editor interface. At the top, the database connection is '201901131_db/postgres@PostgreSQL 13'. Below the connection bar, there are tabs for 'Query Editor' and 'Query History'. The 'Query Editor' tab is active, displaying the following SQL query:

```
1 SET SEARCH_PATH TO "T9_OMMS";  
2 SELECT "Artist_Name", "Total_Song_Made" FROM "Artist";
```

Below the query editor, there are tabs for 'Data Output', 'Explain', 'Messages', and 'Notifications'. The 'Data Output' tab is active, showing the results of the query in a table format. The table has two columns: 'Artist_Name' (character varying (100)) and 'Total_Song_Made' (integer). The results are as follows:

	Artist_Name	Total_Song_Made
101	Eal	58
102	Fanchette	10
103	Bronnie	46
104	Leigha	21
105	Millicent	69
106	Isis	90
107	Nikita	99
108	Karylin	91

Result Contains : 108 Tuples.

5)

Plain English Query :

Count Total Number Of Production Companies.

SQL Query :

```
SET SEARCH_PATH TO "T9_OMMS";  
SELECT COUNT(*) FROM "Production_Company";
```

Snapshot :

The screenshot shows a PostgreSQL query editor interface. At the top, the database connection is set to '201901131_db/postgres@PostgreSQL 13'. Below this, the 'Query Editor' tab is active, displaying two lines of SQL code: '1 SET SEARCH_PATH TO "T9_OMMS";' and '2 SELECT COUNT(*) FROM "Production_Company";'. The 'Data Output' tab is also visible, showing a single row of results with the column 'count bigint' and the value '36'. A green status bar at the bottom right indicates 'Successfully run. Total query runtime: 314 msec. 1 rows affected.'

	count bigint
1	36

Result Contains : Count = 36 (1 Tuple).

6)

Plain English Query :

List Name of All Premium Songs

SQL Query :

```
SET SEARCH_PATH TO "T9_OMMS";  
SELECT "Music_Name" FROM "Music"  
WHERE "Premium_Information" = 'TRUE';
```

Snapshot :

The screenshot shows a PostgreSQL query editor interface. At the top, the database connection is set to '201901131_db/postgres@PostgreSQL 13'. Below this, the 'Query Editor' tab is active, displaying the following SQL query:

```
1 SET SEARCH_PATH TO "T9_OMMS";  
2 SELECT "Music_Name" FROM "Music"  
3 WHERE "Premium_Information" = 'TRUE';
```

Below the query editor, the 'Data Output' tab is active, showing the results of the query. The results are displayed in a table with the following columns: 'Music_Name' (character varying (100)). The table contains 8 rows of data:

	Music_Name
1	Flashdance...What A Feeling
2	Mentiroso
3	Every Breath You Take
4	Cheri cheri lady
5	Shadow Dancing
6	Foolish Games
7	Tonights The Night
8	Cant touch this

At the bottom right of the interface, a green notification box indicates: 'Successfully run. Total query runtime: 368 msec. 256 rows affected.'

Result Contains : 256 Tuples.

7)

Plain English Query :

Show Details of all the Plans.

SQL Query :

```
SET SEARCH_PATH TO "T9_OMMS";
SELECT "Plan_Name", "Plan_Duration",
       "Plan_Price" FROM "Premium_Details";
```

Snapshot :

The screenshot shows a PostgreSQL query editor interface. At the top, the database connection is set to '201901131_db/postgres@PostgreSQL 13'. Below this, the 'Query Editor' tab is active, displaying the following SQL query:

```
1 SET SEARCH_PATH TO "T9_OMMS";
2 SELECT "Plan_Name", "Plan_Duration",
3       "Plan_Price" FROM "Premium_Details";
```

Below the query editor, the 'Data Output' tab is active, showing the results of the query. The results are displayed in a table with the following columns: 'Plan_Name' (character varying (100)), 'Plan_Duration' (integer), and 'Plan_Price' (integer). The table contains 11 rows of data, numbered 4 through 11 in the first column.

	Plan_Name	Plan_Duration	Plan_Price
4	Trimonthly	108	1500
5	Bumper	144	2000
6	BigBumper	180	2200
7	Supersell	216	2400
8	ExtraSuper	252	2500
9	Holiday	288	2600
10	Diwalispecial	324	2800
11	Supersellpro	360	3000

At the bottom right of the interface, a green status bar indicates: 'Successfully run. Total query runtime: 602 msec. 11 rows af'.

Result Contains : 11 Tuples.

8)

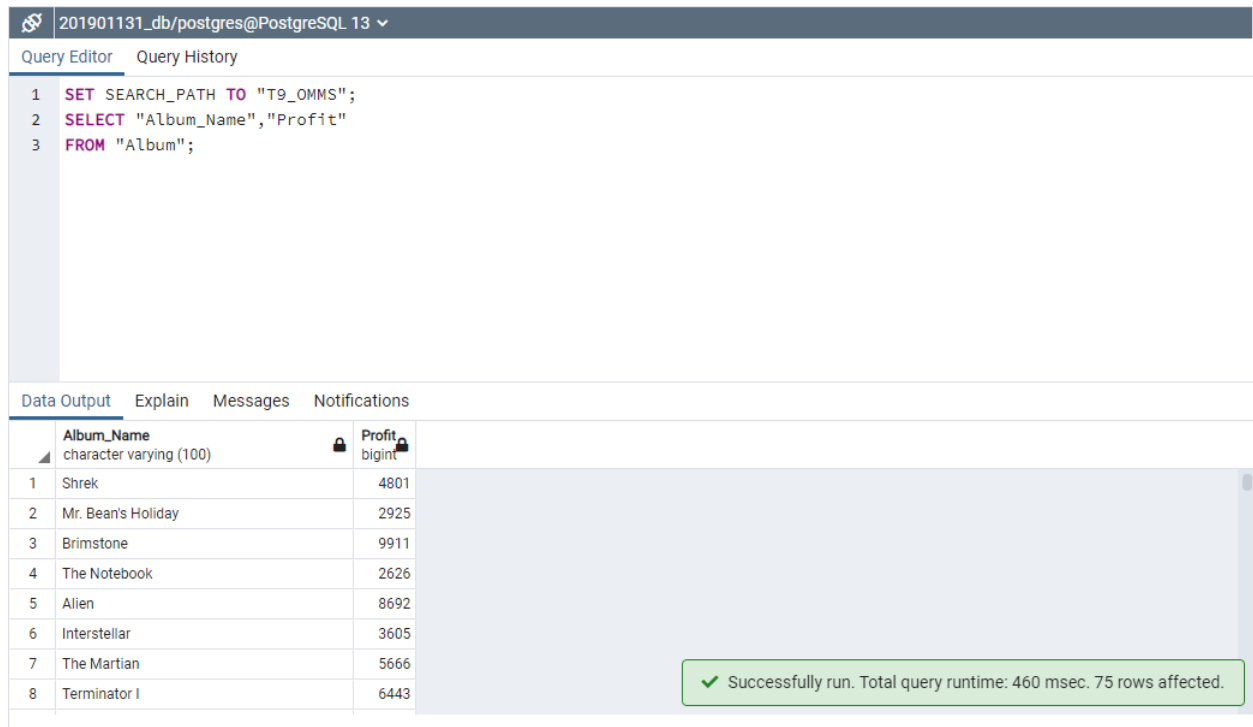
Plain English Query :

Show Money made by each Album.

SQL Query :

```
SET SEARCH_PATH TO "T9_OMMS";
SELECT "Album_Name", "Profit"
FROM "Album";
```

Snapshot :



The screenshot displays a PostgreSQL query editor interface. At the top, the database connection is identified as '201901131_db/postgres@PostgreSQL 13'. Below this, the 'Query Editor' tab is active, showing the following SQL query:

```
1 SET SEARCH_PATH TO "T9_OMMS";
2 SELECT "Album_Name", "Profit"
3 FROM "Album";
```

Below the query editor, the 'Data Output' tab is selected, displaying the results of the query in a table format. The table has two columns: 'Album_Name' (character varying (100)) and 'Profit' (bigint). The results are as follows:

	Album_Name	Profit
1	Shrek	4801
2	Mr. Bean's Holiday	2925
3	Brimstone	9911
4	The Notebook	2626
5	Alien	8692
6	Interstellar	3605
7	The Martian	5666
8	Terminator I	6443

A green status bar at the bottom right of the results area indicates: '✓ Successfully run. Total query runtime: 460 msec. 75 rows affected.'

Result Contains : 75 Tuples.