

# DBMS - UE20CS301 Lab

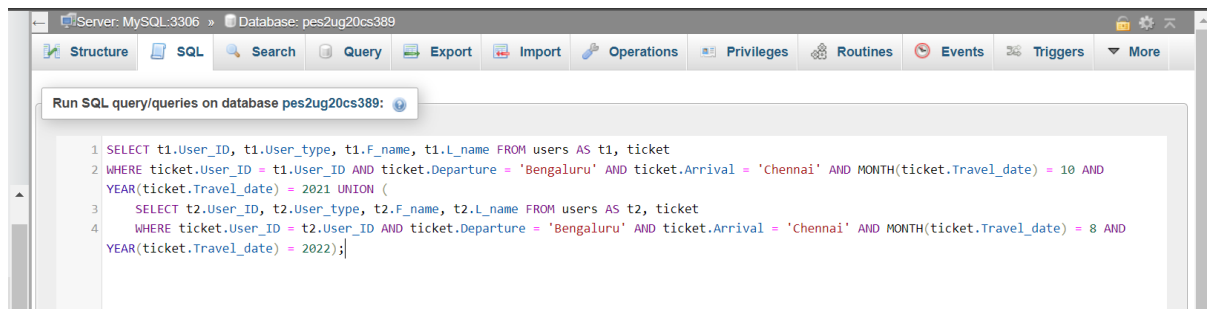
## Lab 7

Name: Vishwa Mehul Mehta

Sec: F

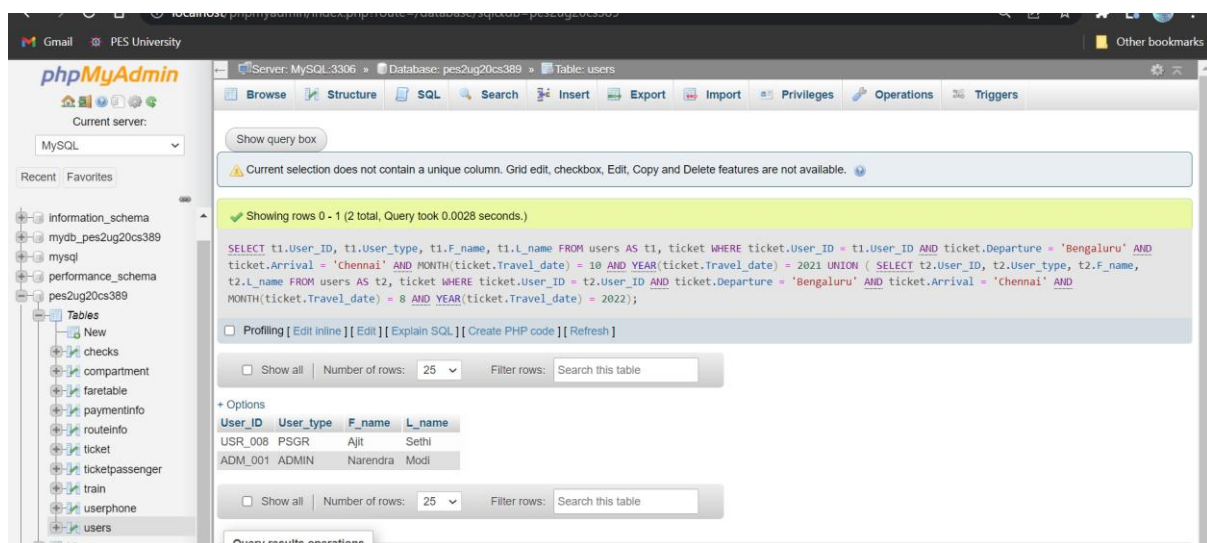
SRN: PES2UG20CS389

1.



```
Run SQL query/queries on database pes2ug20cs389:

1 SELECT t1.User_ID, t1.User_type, t1.F_name, t1.L_name FROM users AS t1, ticket
2 WHERE ticket.User_ID = t1.User_ID AND ticket.Departure = 'Bengaluru' AND ticket.Arrival = 'Chennai' AND MONTH(ticket.Travel_date) = 10 AND
   YEAR(ticket.Travel_date) = 2021 UNION (
3     SELECT t2.User_ID, t2.User_type, t2.F_name, t2.L_name FROM users AS t2, ticket
4     WHERE ticket.User_ID = t2.User_ID AND ticket.Departure = 'Bengaluru' AND ticket.Arrival = 'Chennai' AND MONTH(ticket.Travel_date) = 8 AND
   YEAR(ticket.Travel_date) = 2022);
```

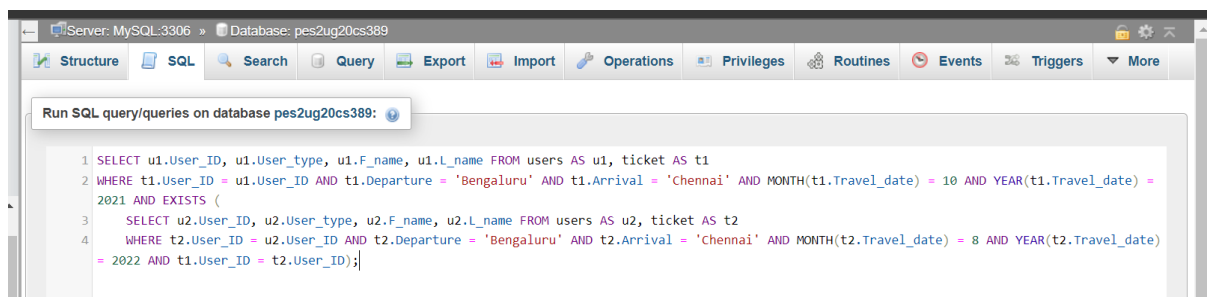


Showing rows 0 - 1 (2 total, Query took 0.0028 seconds.)

```
SELECT t1.User_ID, t1.User_type, t1.F_name, t1.L_name FROM users AS t1, ticket WHERE ticket.User_ID = t1.User_ID AND ticket.Departure = 'Bengaluru' AND
ticket.Arrival = 'Chennai' AND MONTH(ticket.Travel_date) = 10 AND YEAR(ticket.Travel_date) = 2021 UNION ( SELECT t2.User_ID, t2.User_type, t2.F_name,
t2.L_name FROM users AS t2, ticket WHERE ticket.User_ID = t2.User_ID AND ticket.Departure = 'Bengaluru' AND ticket.Arrival = 'Chennai' AND
MONTH(ticket.Travel_date) = 8 AND YEAR(ticket.Travel_date) = 2022);
```

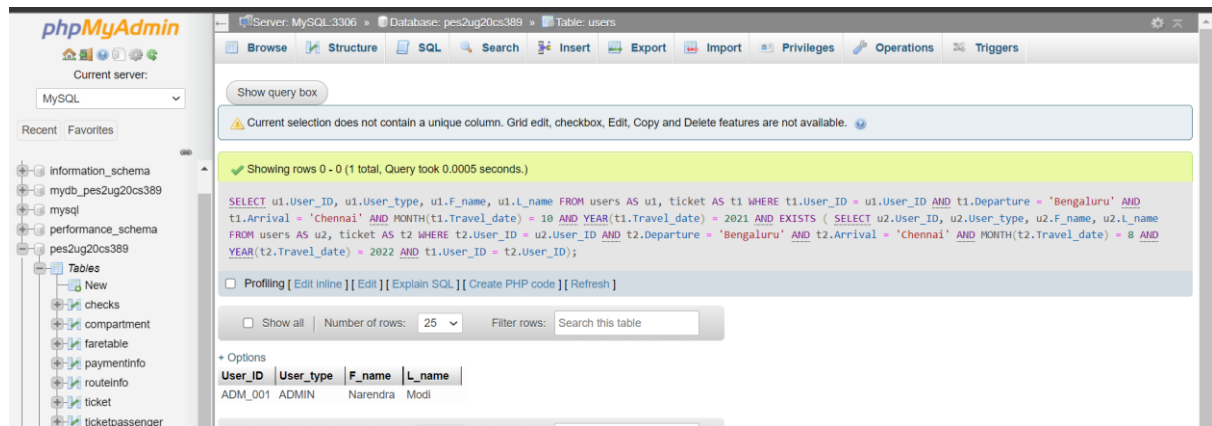
User_ID	User_type	F_name	L_name
USR_008	PSGR	Ajit	Sethi
ADM_001	ADMIN	Narendra	Modi

2.

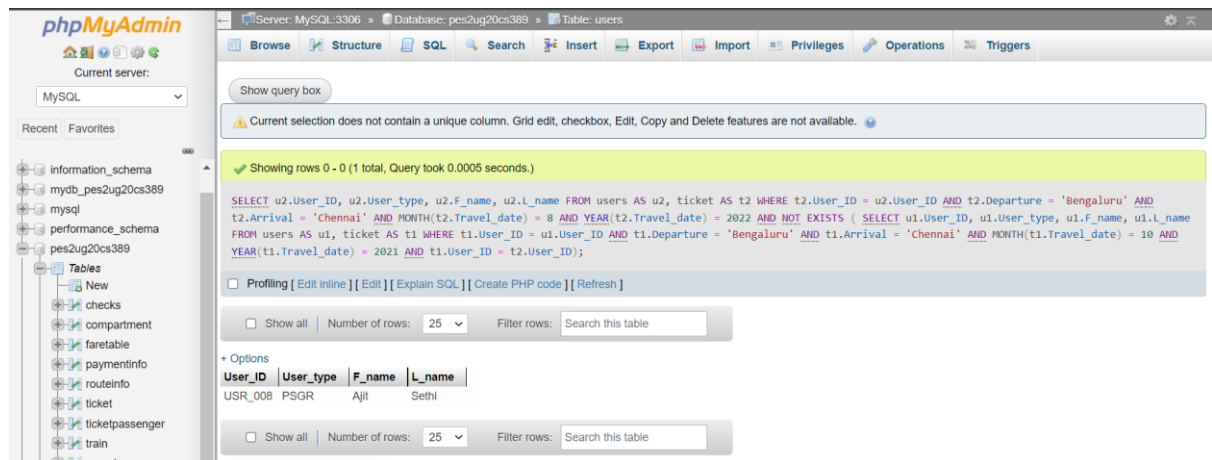
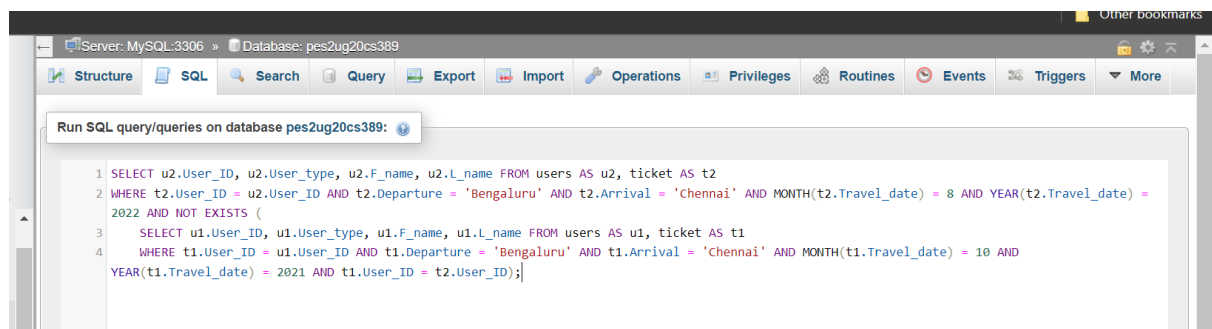


```
Run SQL query/queries on database pes2ug20cs389:

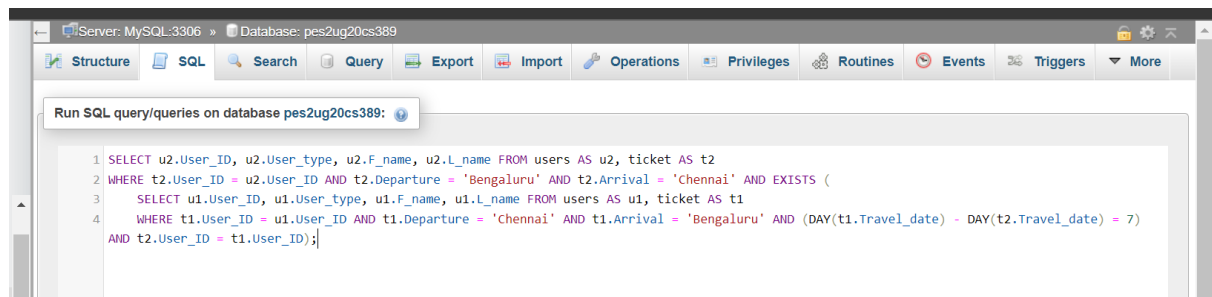
1 SELECT u1.User_ID, u1.User_type, u1.F_name, u1.L_name FROM users AS u1, ticket AS t1
2 WHERE t1.User_ID = u1.User_ID AND t1.Departure = 'Bengaluru' AND t1.Arrival = 'Chennai' AND MONTH(t1.Travel_date) = 10 AND YEAR(t1.Travel_date) =
   2021 AND EXISTS (
3     SELECT u2.User_ID, u2.User_type, u2.F_name, u2.L_name FROM users AS u2, ticket AS t2
4     WHERE t2.User_ID = u2.User_ID AND t2.Departure = 'Bengaluru' AND t2.Arrival = 'Chennai' AND MONTH(t2.Travel_date) = 8 AND YEAR(t2.Travel_date)
   = 2022 AND t1.User_ID = t2.User_ID);
```



3.



4.



phpMyAdmin

Current server: MySQL

Recent Favorites

Information\_schema  
mydb\_pes2ug20cs389  
mysql  
performance\_schema  
pes2ug20cs389

Tables  
New  
checks  
compartment  
faretable  
paymentinfo  
routeinfo  
ticket

Server: MySQL:3306 Database: pes2ug20cs389 Table: users

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Show query box

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 0 (1 total, Query took 0.0006 seconds.)

```
SELECT u2.User_ID, u2.User_type, u2.F_name, u2.L_name FROM users AS u2, ticket AS t2 WHERE t2.User_ID = u2.User_ID AND t2.Departure = 'Bengaluru' AND t2.Arrival = 'Chennai' AND EXISTS ( SELECT u1.User_ID, u1.User_type, u1.F_name, u1.L_name FROM users AS u1, ticket AS t1 WHERE t1.User_ID = u1.User_ID AND t1.Departure = 'Chennai' AND t1.Arrival = 'Bengaluru' AND (DAY(t1.Travel_date) - DAY(t2.Travel_date) = 7) AND t2.User_ID = t1.User_ID);
```

Profiling [ Edit Inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table

+ Options

User_ID	User_type	F_name	L_name
ADM_001	ADMIN	Narendra	Modi

5.

lmin

Server: MySQL:3306 Database: pes2ug20cs389

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers

Run SQL query/queries on database pes2ug20cs389:

```
1 SELECT u2.User_ID, u2.User_type, u2.F_name, u2.L_name FROM users AS u2, ticket AS t2
2 WHERE t2.User_ID = u2.User_ID AND t2.Departure = 'Bengaluru' AND t2.Arrival = 'Chennai' AND NOT EXISTS (
3     SELECT u1.User_ID, u1.User_type, u1.F_name, u1.L_name FROM users AS u1, ticket AS t1
4     WHERE t1.User_ID = u1.User_ID AND t1.Departure = 'Chennai' AND t1.Arrival = 'Bengaluru' AND t2.User_ID = t1.User_ID);
```

phpMyAdmin

Current server: MySQL

Recent Favorites

Information\_schema  
mydb\_pes2ug20cs389  
mysql  
performance\_schema  
pes2ug20cs389

Tables  
New  
checks  
compartment  
faretable  
paymentinfo  
routeinfo  
ticket

Server: MySQL:3306 Database: pes2ug20cs389 Table: users

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Show query box

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 0 (1 total, Query took 0.0009 seconds.)

```
SELECT u2.User_ID, u2.User_type, u2.F_name, u2.L_name FROM users AS u2, ticket AS t2 WHERE t2.User_ID = u2.User_ID AND t2.Departure = 'Bengaluru' AND t2.Arrival = 'Chennai' AND NOT EXISTS ( SELECT u1.User_ID, u1.User_type, u1.F_name, u1.L_name FROM users AS u1, ticket AS t1 WHERE t1.User_ID = u1.User_ID AND t1.Departure = 'Chennai' AND t1.Arrival = 'Bengaluru' AND t2.User_ID = t1.User_ID);
```

Profiling [ Edit Inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table

+ Options

User_ID	User_type	F_name	L_name
USR_008	PSGR	Ajit	Sethi