DATABASE MANAGEMENT SYSTEM

SYSTEM

LAB-7

SET OPERATIONS

NAME: **VISHWAS M**

SRN   : **PES2UG20CS390**

SEC   : **F**

DATE : **13/10/2022**

1)

2)


```sql
select t1.User_ID,t1.User_type,t1.F_name,t1.L_name from users as t1, train_ticket where t1.User_ID= train_ticket.User_ID
and train_ticket.Departure="Bengaluru" and train_ticket.arrival="chennai" and MONTH(train_ticket.Travel_date)=10  and
year(train_ticket.Travel_date)=2021 and exists (select t2.User_ID,t2.User_type,t2.F_name,t2.L_name from users as t2,
train_ticket where t2.User_ID= train_ticket.User_ID and train_ticket.Departure="Bengaluru" and
train_ticket.arrival="chennai"  and MONTH(train_ticket.Travel_date)=8 and year(train_ticket.Travel_date)=2022 and
t1.User_ID = t2.User_ID);
```

3)

4)

5)

Server: 127.0.0.1 » Database: pes2ug20cs390_vishwas_m » Table: users

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking

Run SQL query/queries on database pes2ug20cs390_vishwas_m:

```sql
select t1.User_ID,t1.User_type,t1.F_name,t1.L_name from users as t1, train_ticket as ti1 where t1.User_ID= ti1.User_ID
and ti1.Departure="Bengaluru" and ti1.arrival="chennai" and not exists (select t2.User_ID, t2.User_type, t2.F_name,
t2.L_name from users as t2, train_ticket as ti2 where t2.User_ID= ti2.User_ID and ti2.Departure="chennai" and
ti2.arrival="bengaluru"  and (DAY(ti2.Travel_date)-DAY(ti1.Travel_date) = 7) and t1.User_ID = t2.User_ID);
```

Clear | Format | Get auto-saved query

☐ Bind parameters

Bookmark this SQL query:

Console

Server: 127.0.0.1 » Database: pes2ug20cs390_vishwas_m » Table: users

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking

Show query box

✓ Showing rows 0 - 1 (2 total, Query took 0.0007 seconds.)

```sql
select t1.User_ID,t1.User_type,t1.F_name,t1.L_name from users as t1, train_ticket as ti1 where t1.User_ID= ti1.User_ID and
ti1.Departure="Bengaluru" and ti1.arrival="chennai" and not exists (select t2.User_ID, t2.User_type, t2.F_name, t2.L_name from
users as t2, train_ticket as ti2 where t2.User_ID= ti2.User_ID and ti2.Departure="chennai" and ti2.arrival="bengaluru" and
(DAY(ti2.Travel_date)-DAY(ti1.Travel_date) = 7) and t1.User_ID = t2.User_ID);
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

Extra options

			User_ID	User_type	F_name	L_name
☐	🖉 Edit	�ǐ Copy	⊖ Delete	ADM_001	ADMIN	Narendra	Modi
☐	🖉 Edit	🗐ǐ Copy	⊖ Delete	USR_008	PSGR	Ajit	Sethi

↑ ☐ Check all With selected: 🖉 Edit 🗐ǐ Copy ⊖ Delete 📄 Export

Console w all | Number of rows: 25 | Filter rows: Search this table