

UE20CS301

Database Management System

Lab 4 – Task I

Name: RIMJHIM SINGH

SRN: PES1UG20CS337

Roll No: 22

1. Insert Records

Insert into compartment_337 values ('62621', 'I Class', '16', '6', 'F01');

Load data infile "Ticket.csv" into table ticket_337

columns terminated by ','

optionally enclosed by '"'

escaped by '\'

lines terminated by '\n'

ignore 1 lines;

2. Calculate and update age attribute in User Table

```
UPDATE user_337 set age = TIMESTAMPDIFF(YEAR, DOB, curdate());
```

3. Routes with distance btw 70 and 150

```
select * from route_337 where distance>=70 and distance<=150;
```

4. Chennai-Sholingur Route

```
select * from route_337 where FromName='Chennai' and ToName='Sholingur';
```

6. Chennai – Bengaluru

```
select T_Name from train_337 where Train_No in(  
    select Train_No from route_337 where FromName='Bengaluru' and ToName='Chennai');
```

7. Chennai after 8:00

```
Select Train_No, T_Name from train_337 where Train_No in (  
    select TrainNo from Ticket_337 where departureTime>'8:00' and departure='Chennai');
```

8. Users born btw 1980 and 1990

```
select * from user_337 where DOB>='1980-01-01' and DOB <='1990-12-31';
```

9. Users whose name start with the letter S

```
select * from user_337 where Fname Like 'S%';
```

10. Availability

```
select * from compartment_337 where type = 'I Class' and Train_No = '62621';
```

11. Union Bank

```
select PNR, TransacID from payment_info_337 where Bank='Union Bank';
```

owner id, room no ----primary key
room no, complaints ---primary key