

## DBMS Lab-8

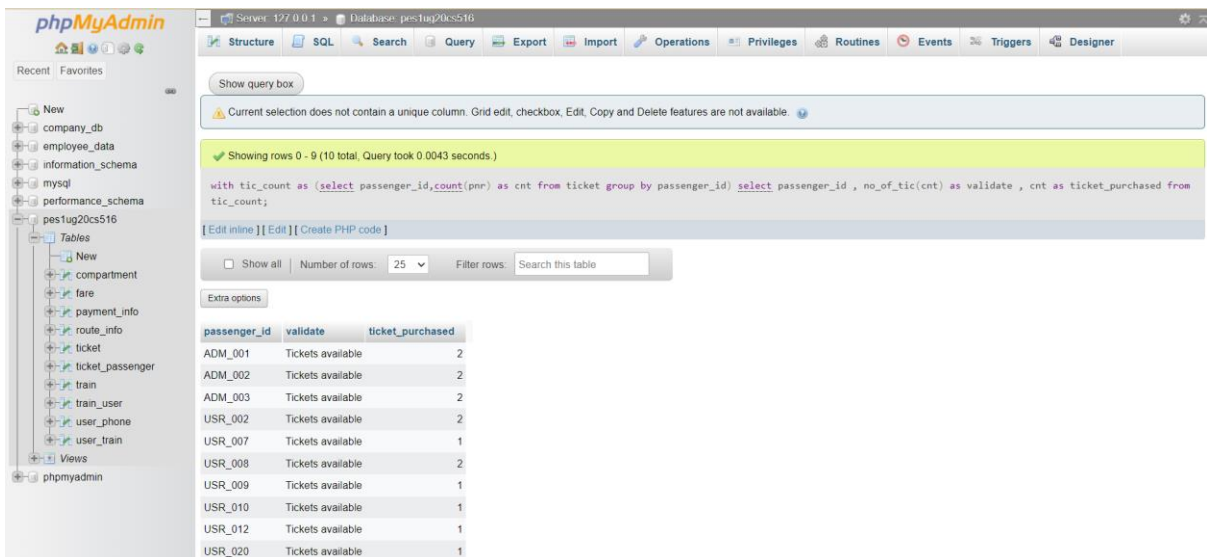
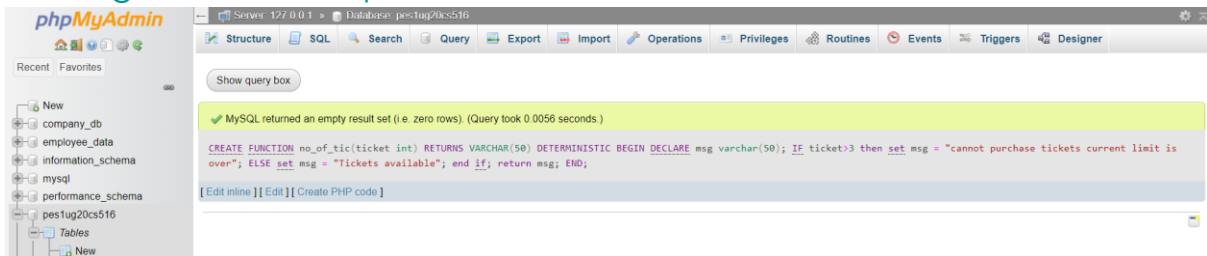
Name: Vrushank G

SRN: PES1UG20CS516

Section: I

### Lab 8 – Creating Functions and Stored Procedures

1. Write a function to find the number of tickets booked by a customer. If no of tickets is more than 3 for the current month then display error message as "cannot purchase tickets current limit is over".



2. Write a stored procedure to calculate the age of the customer when the date of birth is given. Update the column named age in the customer table.



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SRN: PES1UG20CS516

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The screenshot shows the phpMyAdmin interface with the 'train\_user' table selected. A SQL query is entered in the main text area, and a success message is displayed above it.

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0072 seconds)

```
CREATE procedure calc_age(IN Uid varchar(10),IN DOB date, OUT msg varchar(50)) BEGIN DECLARE age int; IF DOB>sysdate() THEN set msg= 'Invalid DOB'; ELSE update train_user set Age=(datediff(sysdate(),DOB))/365 where user_id= Uid; update train_user set dob=DOB where user_id=Uid; set msg='Age updated successfully'; END IF; END;
```

The screenshot shows the phpMyAdmin interface with the 'train\_user' table selected. A SQL query is entered in the main text area, and a success message is displayed above it. Below the query, a message indicates that the current selection does not contain a unique column. The output of the query is shown in a table with one row.

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0080 seconds)

```
CALL calc_age('ADM_001','1989-04-14',@Age);
```

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 0.0001 seconds

```
SELECT @Age;
```

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

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

Extra options

@Age  
Age updated successfully