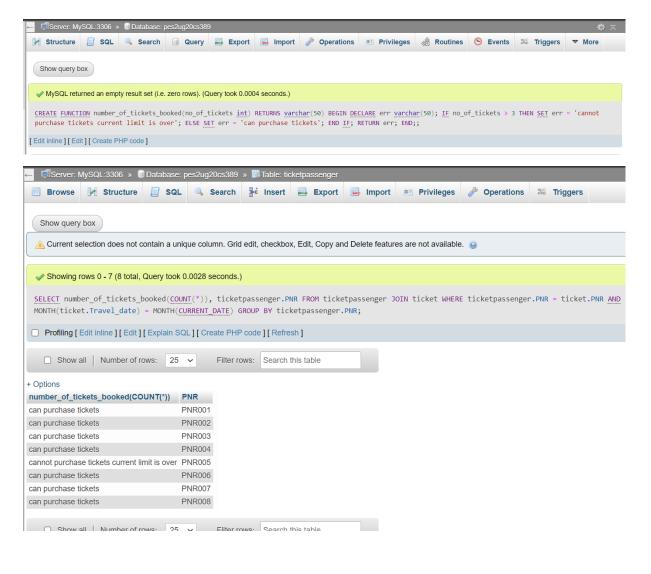
DBMS - UE20CS301 Lab

Name: Vishwa Mehul Mehta Sec: F SRN: PES2UG20CS389 1. Code: **DELIMITER \$\$** CREATE FUNCTION number_of_tickets_booked(no_of_tickets int) RETURNS varchar(50) BEGIN DECLARE err varchar(50); IF no of tickets > 3 THEN SET err = 'cannot purchase tickets current limit is over'; ELSE SET err = 'can purchase tickets'; END IF; RETURN err; END; \$\$ DELIMITER ; Function call query: SELECT number of tickets booked(COUNT(*)), ticketpassenger.PNR FROM ticketpassenger JOIN ticket WHERE ticketpassenger.PNR = ticket.PNR AND MONTH(ticket.Travel date) = MONTH(CURRENT DATE) GROUP BY ticketpassenger.PNR;

Output Screenshots:



2.

Code:

DELIMITER \$\$

CREATE procedure age_updation(IN age date)

BEGIN

update users set users.Age = (year(CURRENT_DATE) - year(age))
where users.DOB = age;

END; \$\$

DELIMITER;

DELIMITER \$\$

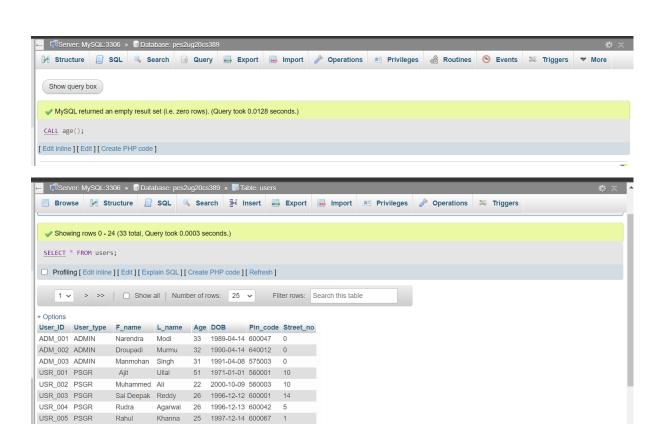
CREATE PROCEDURE age()

BEGIN

```
DECLARE dob DATE;
  DECLARE is_updated INT DEFAULT FALSE;
  DECLARE age_update CURSOR FOR SELECT users.DOB FROM users;
  DECLARE CONTINUE HANDLER FOR NOT FOUND SET is_updated = TRUE;
  OPEN age_update;
  iterate through rows:LOOP
    FETCH age_update INTO dob;
    IF is_updated THEN
      LEAVE iterate through rows;
    END IF:
    call age_updation(dob);
  END LOOP;
  CLOSE age_update;
END; $$
DELIMITER;
Procedure call query:
CALL age();
```

Output Screenshots:





USR_005 PSGR USR_006 PSGR

USR_007 PSGR

USR_008 PSGR

USR_009 PSGR USR_010 PSGR

USR_011 PSGR

Console

Nirmaia Seturaman 24 1998-12-15 560105 3

Smriti Irani 23 1999-12-16 575014 4

Arjun Allu 55 1967-04-08 575020 7

Kiran Bedi 53 1969-04-14 560003 56 Rahul Gandhi 52 1970-04-08 475001 0

Sethi

Samanta

56 1966-04-14 575001 6

Prabhu 54 1968-04-14 600042 8