DBMS Assignment Lab 8

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1)

DELIMITER $$

CREATE FUNCTION no\_of\_tckts(P\_ID varchar(255))

RETURNS varchar(255)

DETERMINISTIC

BEGIN

DECLARE out varchar(255);

DECLARE tickets int;

SELECT count(pnr) into tickets

FROM ticket

WHERE passenger\_id = P\_ID AND MONTH(travel\_date) = MONTH(NOW()) AND

YEAR(travel\_date) = YEAR(NOW());

IF tickets > 3 THEN

SET out = 'cannot purchase tickets current limit is over”';

ELSE

SET out = 'can purchase tickets';

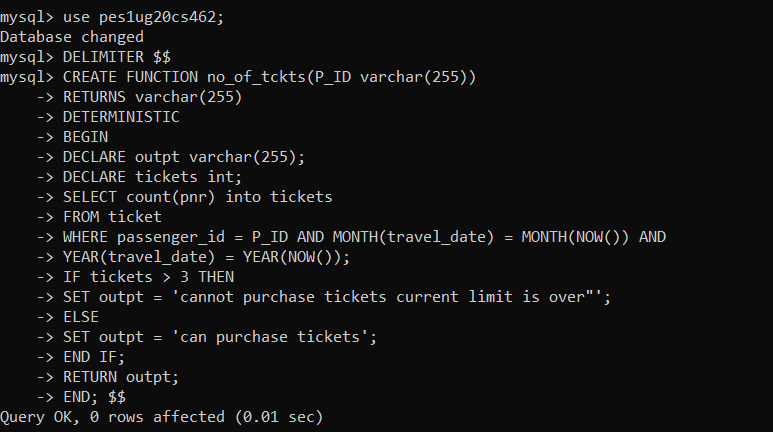
END IF;

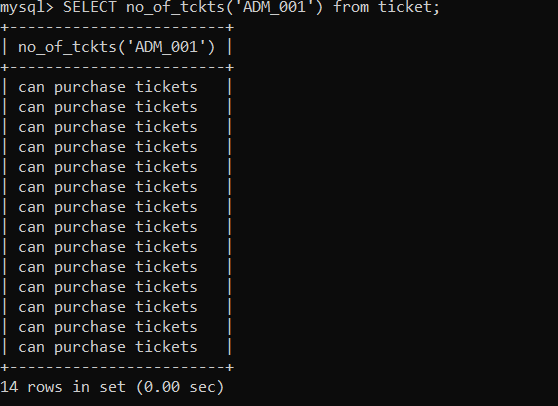
RETURN out;

END; $$

DELIMITER ;

SELECT number\_of\_tickets('ADM\_001') from ticket;





2)

DELIMITER $$  
CREATE procedure upd\_age(IN U\_ID varchar(30), IN DOB DATE)  
BEGIN  
DECLARE age\_new int;  
SET age\_new = FLOOR(DATEDIFF(NOW(),DOB)/365);  
UPDATE train\_user set age = age\_new where user\_id = U\_ID;  
END;$$  
DELIMITER ;  
CALL upd\_age('ADM\_001','1989-04-14');

SELECT \* FROM train\_user WHERE user\_id='ADM\_001';

