

DBMS

LAB 8

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SRN: PES1UG20CS029

1.

DELIMITER \$\$

CREATE FUNCTION no_of_tickets(U_ID varchar(255))

RETURNS VARCHAR(50)

DETERMINISTIC

BEGIN

DECLARE result VARCHAR(50);

DECLARE ticket_count int;

SELECT count(PNR) into ticket_count

FROM Ticket

WHERE User_ID = U_ID AND

MONTH(Travel_date) = MONTH(sysdate()) AND

YEAR(Travel_date) = YEAR(sysdate());

IF ticket_count > 3 THEN

SET result = 'cannot purchase tickets current limit is over';

ELSE

SET result = 'can purchase tickets';

END IF;

RETURN result;

END; \$\$

DELIMITER ;

SELECT User_ID, no_of_tickets(User_ID) FROM train_user;

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Server: 127.0.0.1 » Database: railways » Table: train_user

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0097 seconds.)

```
CREATE FUNCTION no_of_tickets(U_ID varchar(255)) RETURNS VARCHAR(50) DETERMINISTIC BEGIN DECLARE result VARCHAR(50); DECLARE ticket_count int; SELECT count(PNR) into ticket_count FROM Ticket WHERE User_ID = U_ID AND MONTH(Travel_date) = MONTH(sysdate()) AND YEAR(Travel_date) = YEAR(sysdate()); IF ticket_count > 3 THEN SET result = 'cannot purchase tickets current limit is over'; ELSE SET result = 'can purchase tickets'; END IF; RETURN result; END;
```

[Edit inline] [Edit] [Create PHP code]

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 24 (33 total, Query took 0.0026 seconds.)

```
SELECT User_ID, no_of_tickets(User_ID) FROM train_user;
```

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

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

Extra options

User_ID	no_of_tickets(User_ID)
USR_001	can purchase tickets
USR_002	can purchase tickets
USR_003	can purchase tickets
USR_004	can purchase tickets
USR_005	can purchase tickets

Console

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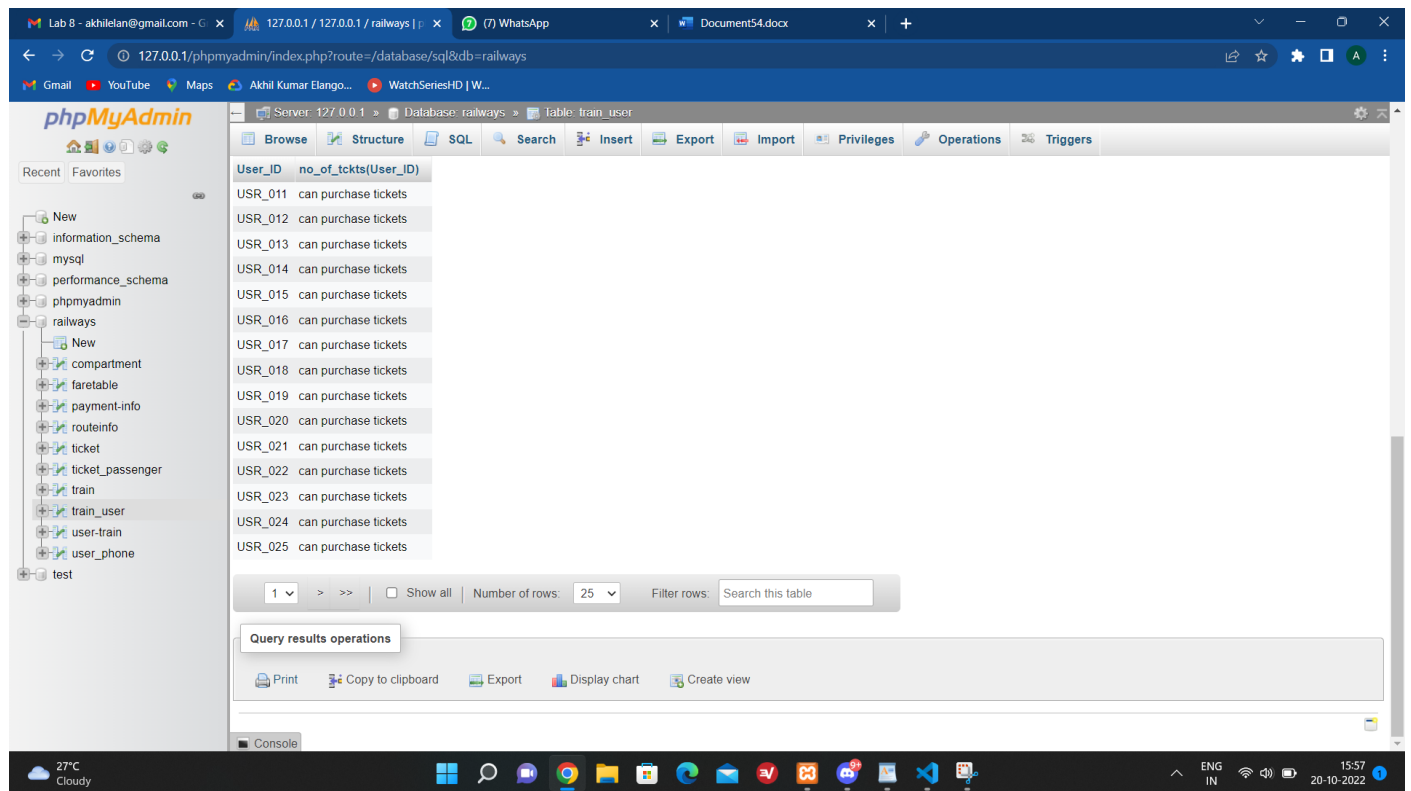
Server: 127.0.0.1 » Database: railways » Table: train_user

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User_ID	no_of_tickets(User_ID)
USR_004	can purchase tickets
USR_005	can purchase tickets
USR_006	can purchase tickets
USR_007	can purchase tickets
USR_008	can purchase tickets
USR_009	can purchase tickets
USR_010	can purchase tickets
USR_011	can purchase tickets
USR_012	can purchase tickets
USR_013	can purchase tickets
USR_014	can purchase tickets
USR_015	can purchase tickets
USR_016	can purchase tickets
USR_017	can purchase tickets
USR_018	can purchase tickets
USR_019	can purchase tickets
USR_020	can purchase tickets
USR_021	can purchase tickets
USR_022	can purchase tickets
USR_023	can purchase tickets
USR_024	can purchase tickets
USR_025	can purchase tickets

Console

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2.

DELIMITER \$\$

CREATE procedure upda_age(IN U_ID varchar(30), IN DOB DATE)

BEGIN

DECLARE new_age int;

SET new_age = FLOOR(DATEDIFF(CURRENT_DATE, DOB)/365);

UPDATE train_user set Age = new_age where User_ID = U_ID;

END;\$\$

DELIMITER ;

SELECT * from train_user WHERE User_ID='ADM_001' ;

CALL upda_age('ADM_001', '1989-04-14');

SELECT * from train_user WHERE User_ID='ADM_001' ;

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Server: 127.0.0.1 > Database: railways > Table: train_user

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Show query box

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

```
CREATE procedure upda_age(IN U_ID varchar(30), IN DOB DATE) BEGIN DECLARE new_age int; SET new_age = FLOOR(DATEDIFF(CURRENT_DATE,DOB)/365); UPDATE train_user set Age = new_age where User_ID = U_ID; END;;
```

[Edit inline] [Edit] [Create PHP code]

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 0.0004 seconds.)

```
SELECT * from train_user WHERE User_ID='ADM_001';
```

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	FName	LName	Age	DOB	PinCode	Street_No
ADM_001	ADMIN	Narendra	Modi		1989-04-14	600047	Old Jail Road

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

Query results operations

Console Copy to clipboard Export Display chart Create view

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Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Query results operations

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MySQL returned an empty result set (i.e. zero rows). (Query took 0.0055 seconds.)

```
CALL upda_age('ADM_001','1989-04-14');
```

[Edit inline] [Edit] [Create PHP code]

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 0.0004 seconds.)

```
SELECT * from train_user WHERE User_ID='ADM_001';
```

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	FName	LName	Age	DOB	PinCode	Street_No
ADM_001	ADMIN	Narendra	Modi	33	1989-04-14	600047	Old Jail Road

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

Query results operations

Console

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