

DBMS: LAB 6

DML (Data Manipulation Language) Commands University Fest Management

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Database Management System – Solutions

TASK 1:

Question 1

Considering the entries in the "serves", "visits", and "person" tables, can the following query be executed successfully?

INSERT INTO Visits VALUE('Michael', 'Café E')

No, There's already Michael exist in visits.

Question 2:

Consider the Person table as shown. Can the following query be executed successfully?

DELETE FROM Person WHERE name LIKE '%a';

Yes, This query will delete all rows from the Person table where the name ends with the letter a.

But in this case there's no Person's Name is ending by the letter a . So maybe we can say no updation happens in this code

Question 3:

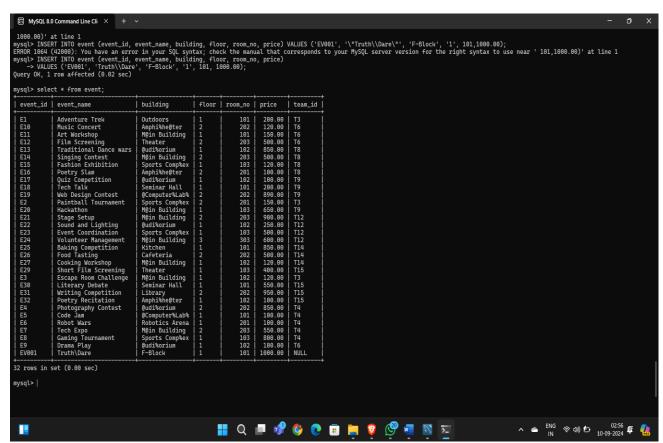
Consider the "Serve", and "Visits" tables as shown. Can the following query be executed successfully?

UPDATE serves SET Cafe_name = 'Cafe A' WHERE Cafe_name = 'Cafe E';

Yes, Café E converted to Café A but the value will be Null or Pasta ...

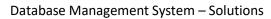


Task 2:



Question 2: Fest Table:

```
mysql> INSERT INTO FEST VALUES('F001', 'Aatma Trisha-2023', 2023, 'T0001'); Query OK, 1 row affected (0.02 sec)
mysql> select * from fest;
   fest_id | fest_name
                                                    head_teamID
                                           year
   F001
                Aatma Trisha-2023
                                           2023
                                                     T0001
  F101
F102
                                           2023
2022
                Atmatrisha
                Samarpana
                                                    T10
T13
   F201
                Graduation
                                           2022
   F202
                Annual day
                                           2021
5 rows in set (0.00 sec)
mysql> UPDATE fest SET Fest_ID='F0001' WHERE FEST_ID='F001';
Query OK, 1 row affected (0.02 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> select * from fest;
  fest_id | fest_name
                                           year | head_teamID |
                Aatma Trisha-2023
                                           2023
                                                     T0001
                                           2023
2022
2022
2021
                                                    T1
T5
T10
T13
   F101
                Atmatrisha
                Samarpana
Graduation
   F102
   F201
   F202
                Annual day
5 rows in set (0.00 sec)
mysql>|
```





Team Table:

mysql> sele	ect * from team;							
team_id	team_name	team_type	fest_id					
T0001	AT Head team	MNG	F101					
T1	Leads	MNG	F101					
T10	Grad_head	MNG	F201					
T11	Arts	MNG	F201					
T12	Conduction	ORG	F201					
T13	Fest Heads	MNG	F202					
T14	Cul team	ORG	F202					
T15	Dystopia	ORG	F202					
T2	logistics_atm	MNG	F101					
T3 T4	Crazy hunters	ORG	F101					
T5	Techno The Heads	ORG MNG	F101 F102					
T6	Eutopians	ORG	F102					
T7	Managers	MNG	F102					
T8	Cultural	ORG	F102					
T9	Tech buzzers	ORG	F102					
mysql> UPDA Query OK, 1	set (0.00 sec) ATE Team SET Fest L row affected (6 ed: 1 Changed: 1	0.02 sec)		n_Id='T0001';				
mysql> select * from team;								
team_id	team_name	team_type	fest_id					
T0001	AT Head team	MNG	F0001					
T1	Leads	MNG	F101					
T10	Grad_head	MNG	F201					
T11	Arts	MNG	F201					
T12	Conduction	ORG	F201					
T13	Fest Heads	MNG	F202					
T14	Cul team	ORG	F202					
T15	Dystopia	ORG	F202					
T2	logistics_atm	MNG	F101					
T3 T4	Crazy hunters Techno	ORG ORG	F101 F101					
T5	The Heads	MNG	F101 F102					
T6	Eutopians							
T7	Managers							
T8	Cultural							
T9	Tech buzzers							
+				-				
28°C Mostly	cloudy	nagers MNG						



Database Management System – Solutions **Member Table:**

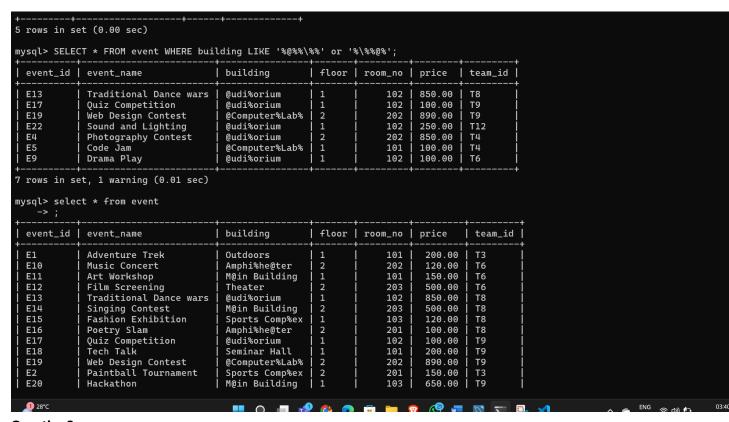
mem_id	mem_name	DOB	super_memID	team_id
M0001	Aditya Vikas	2002-07-31	HULL	T0001
M0002	N Kumar	2004-01-16	M0001	T0001

```
MySQL 8.0 Command Line Cli × + ~
16' for column 'DOB' at row 2
mysql>
mýsql> INSERT INTO MEMBER VALUES('M0001', 'Aditya Vikas', '2002-07-31' , NULL, 'T0001'), ('M0002' , 'N Kumar' , '2004-0
mysqt/ INJEKT IRTO
, 'T0001');
Query OK, 2 rows affected (0.02 sec)
Records: 2 Duplicates: 0 Warnings: 0
mysql> select * from member
  mem_id | mem_name
                                  I DOB
                                                   super_memID | team_id |
            Aditya Vikas
  M0001
                                    2002-07-31
                                                   NULL
                                                                   T0001
                                    2004-01-16
  M0002
            N Kumar
                                                   M0001
                                                                   T0001
            John Doe
  M1
                                    1995-05-10
                                                   NULL
                                                                   Τ1
  M10
            Jessica Brown
                                    1995-07-18
                                                                   Т2
                                                   М8
  M11
            Christopher Wilson
                                    1996-10-22
                                                   NULL
                                                                   Т3
            Sophia Taylor
William Moore
  M12
                                    1997-01-30
                                                                   Т3
                                                   M11
                                    1993-06-08
  M13
                                                   M11
                                                                   Т3
  M14
            Olivia Clark
                                    1994-09-14
                                                   M11
                                                                   Т3
                                    1995-12-20
                                                   M14
  M15
            Andrew Lee
                                                                   Т3
  M16
            Emma Martinez
                                    1996-03-28
                                                   M11
                                                                   Т3
            Matthew Harris
                                    1994-02-05
                                                   M14
                                                                   T3
  M17
  M18
            Olivia Adams
                                    1995-05-11
                                                   M14
            Emily Walker
Alice Smith
                                                                   T4
  M19
                                    1994-12-08
                                                   M21
  M2
                                     1996-08-15
                                                   M1
                                                                   Τ1
            Sophia Hall
                                    1997-11-21
                                                                   T4
  M20
                                                   M22
  M21
            Michael Turner
                                    1993-10-02
                                                   M22
                                                                   T4
  M22
            Daniel Clark
                                    1996-08-16
                                                                   Т4
                                                   NULL
            Jacob Lewis
  M23
                                     1996-03-15
                                                   M21
                                                                   Τ4
            Mia Rodriguez
                                    1997-06-21
                                                                   T4
  M24
                                                   M22
            Daniel Robinson
                                    1993-09-01
  M25
                                                   M23
                                                                   T4
                                                                   T4
  M26
            Ava Walker
                                    1994-12-06
                                                   M23
  M27
            William Turner
                                     1995-03-13
                                                   NULL
                                                                   Т5
  M28
            Sophia Williams
                                    1996-06-19
                                                   M27
                                                                   T5
```



Task 3:

Question 1:



Question2:



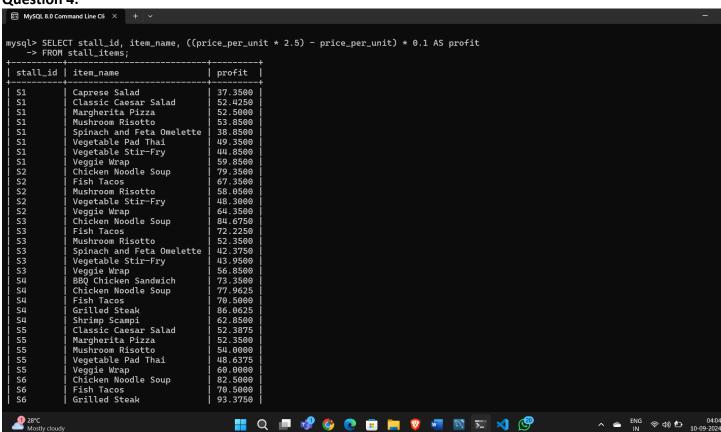
```
mysql> select * from fest;
  fest_id | fest_name
                                 year | head_teamID
            Aatma Trisha-2023 |
  F0001
                                  2023
                                         T0001
  F101
            Atmatrisha
                                  2023
                                         T1
  F102
            Samarpana
                                  2022
                                         T5
            Graduation
                                         T10
  F201
                                  2022
  F202
            Annual day
                                         T13
                                  2021
5 rows in set (0.00 sec)
mysql>
   Mostly cloudy
```

Question3:

```
mysql> SELECT distinct item_name from stall_items where stall_id = 'S1' OR stall_id =
 item_name
 Caprese Salad
 Classic Caesar Salad
 Margherita Pizza
 Mushroom Risotto
 Spinach and Feta Omelette
 Vegetable Pad Thai
 Vegetable Stir-Fry
 Veggie Wrap
 Bacon-Wrapped Shrimp
 BBQ Chicken Sandwich
 Chicken Noodle Soup
 Fish Tacos
 Mutton Stroganoff
13 rows in set (0.00 sec)
mysql>
```



Question 4:



Question 5:





Question 6:

