

گزارش جلسه دو

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بخش وارد کردن مقادیر جدول:

```
Command Prompt - mysql> use root -p

+-----+
| personID | last_name | first_name | birth | death | gender |
+-----+
| 1 | Alavi | Akbar | 1990-11-12 | NULL | male |
+-----+
1 row in set (0.00 sec)

mysql> INSERT INTO Persons (last_name , first_name, birth, death, gender) VALUES ("Makhdumi", "Maryam", "1992-10-13", null, "female");
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Persons (last_name , first_name, birth, death, gender) VALUES ("Akbari", "Maryam", "1985-12-14", "1999-05-03", "female");
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO Persons (last_name , first_name, birth, death, gender) VALUES ("Mostafavi", "Ahmad", "1991-07-05", null, "male");
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO Persons (last_name , first_name, birth, death, gender) VALUES ("Alemi", "Mohammad Reza", "1999-10-16", null, "male");
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO Persons (last_name , first_name, birth, death, gender) VALUES ("Tehrani", "Ali", "1979-06-17", "2007-07-02", "male");
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO Persons (last_name , first_name, birth, death, gender) VALUES ("Khalilzad", "Rojin", "1980-04-18", null, "female");
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Persons (last_name , first_name, birth, death, gender) VALUES ("Marcoofi", "Sabar", "1993-08-19", null, "female");
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO Persons (last_name , first_name, birth, death, gender) VALUES ("Baradaran", "Nushin", "2001-06-20", null, "female");
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Persons (last_name , first_name, birth, death, gender) VALUES ("Kaabi", "Rojin", "1978-02-21", "2000-11-12", "female");
Query OK, 1 row affected (0.01 sec)

mysql> ;
ERROR:
No query specified

mysql> SELECT * FROM persons
-> ;
+-----+
| personID | last_name | first_name | birth | death | gender |
+-----+
| 1 | Alavi | Akbar | 1990-11-12 | NULL | male |
| 2 | Makhdumi | Maryam | 1992-10-13 | NULL | female |
| 3 | Akbari | Maryam | 1985-12-14 | 1999-05-03 | female |
| 4 | Mostafavi | Ahmad | 1991-07-05 | NULL | male |
| 5 | Alemi | Mohammad Reza | 1999-10-16 | NULL | male |
| 6 | Tehrani | Ali | 1979-06-17 | 2007-07-02 | male |
| 7 | Khalilzad | Rojin | 1980-04-18 | NULL | female |
| 8 | Marcoofi | Sabar | 1993-08-19 | NULL | female |
| 9 | Baradaran | Nushin | 2001-06-20 | NULL | female |
| 10 | Kaabi | Rojin | 1978-02-21 | 2000-11-12 | female |
+-----+
10 rows in set (0.00 sec)

mysql>
```

بخش آپدیت کردن مقادیر جدول

```
Command Prompt - mysql> use root -p

-> ENCLOSED BY '"'
-> LINES TERMINATED BY '\n'
-> IGNORE 1 ROWS;
ERROR 3848 (42000): loading local data is disabled; this must be enabled on both the client and server sides

mysql> UPDATE persons
-> SET first_name = 'AliAli'
-> WHERE first_name = 'Ali'
-> ;
ERROR 1054 (42S22): Unknown column 'Ali' in 'where clause'

mysql> UPDATE persons
-> SET first_name = 'AliAli'
-> WHERE first_name = 'Ali';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> SELECT * FROM persons
-> ;
+-----+
| personID | last_name | first_name | birth | death | gender |
+-----+
| 1 | Alavi | Akbar | 1990-11-12 | NULL | male |
| 2 | Makhdumi | Maryam | 1992-10-13 | NULL | female |
| 3 | Akbari | Maryam | 1985-12-14 | 1999-05-03 | female |
| 4 | Mostafavi | Ahmad | 1991-07-05 | NULL | male |
| 5 | Alemi | Mohammad Reza | 1999-10-16 | NULL | male |
| 6 | Tehrani | AliAli | 1979-06-17 | 2007-07-02 | male |
| 7 | Khalilzad | Rojin | 1980-04-18 | NULL | female |
| 8 | Marcoofi | Sabar | 1993-08-19 | NULL | female |
| 9 | Baradaran | Nushin | 2001-06-20 | NULL | female |
| 10 | Kaabi | Rojin | 1978-02-21 | 2000-11-12 | female |
+-----+
10 rows in set (0.00 sec)

mysql> DELETE FROM table_name
-> WHERE last_name = "Kaabi";
ERROR 1146 (42S02): Table 'class1221.table_name' doesn't exist

mysql> WHERE last_name = "Kaabi";
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'WHERE last_name = "Kaabi"' at line 1

mysql>
mysql> DELETE FROM persons
-> WHERE last_name = "Kaabi";
Query OK, 1 row affected (0.03 sec)

mysql> SELECT * FROM persons
-> ;
+-----+
| personID | last_name | first_name | birth | death | gender |
+-----+
| 1 | Alavi | Akbar | 1990-11-12 | NULL | male |
| 2 | Makhdumi | Maryam | 1992-10-13 | NULL | female |
| 3 | Akbari | Maryam | 1985-12-14 | 1999-05-03 | female |
| 4 | Mostafavi | Ahmad | 1991-07-05 | NULL | male |
| 5 | Alemi | Mohammad Reza | 1999-10-16 | NULL | male |
| 6 | Tehrani | AliAli | 1979-06-17 | 2007-07-02 | male |
| 7 | Khalilzad | Rojin | 1980-04-18 | NULL | female |
| 8 | Marcoofi | Sabar | 1993-08-19 | NULL | female |
| 9 | Baradaran | Nushin | 2001-06-20 | NULL | female |
+-----+
9 rows in set (0.00 sec)

mysql>
```

بخش پاک کردن مقادیر جدول

```

Command Prompt - mysql.exe -u root -p
mysql> LOAD DATA INFILE 'C:\Users\sami\Documents\Github\Database_lab'
-> INFO TABLE persons
-> FIELDS TERMINATED BY ' '
-> '
-> ENCLOSED BY ''
-> LINES TERMINATED BY '\n'
-> IGNORE 1 ROWS;
ERROR 1290 (HY000): The MySQL server is running with the --secure-file-priv option so it cannot execute this statement
mysql> SHOW VARIABLES LIKE "secure_file_priv";
+-----+-----+
| Variable_name | Value |
+-----+-----+
| secure_file_priv | C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\ |
+-----+-----+
1 row in set (0.04 sec)

mysql> LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\sample.csv'
-> INFO TABLE persons
-> FIELDS TERMINATED BY ' '
-> '
-> ENCLOSED BY ''
-> LINES TERMINATED BY '\n'
-> IGNORE 1 ROWS;
ERROR 1290 (HY000): The MySQL server is running with the --secure-file-priv option so it cannot execute this statement
mysql> LOAD DATA LOCAL INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\sample.csv'
-> INFO TABLE persons
-> FIELDS TERMINATED BY ' '
-> '
-> ENCLOSED BY ''
-> LINES TERMINATED BY '\n'
-> IGNORE 1 ROWS;
ERROR 3948 (42000): Loading local data is disabled; this must be enabled on both the client and server sides
mysql> UPDATE persons
-> SET first_name = 'AliAli'
-> WHERE first_name = 'Ali'
-> ;
ERROR 1854 (42522): Unknown column 'Ali' in 'where clause'
mysql> UPDATE persons
-> SET first_name = 'AliAli'
-> WHERE first_name = 'Ali';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> SELECT * FROM persons
-> ;
+-----+-----+-----+-----+-----+-----+
| personID | last_name | first_name | birth | death | gender |
+-----+-----+-----+-----+-----+-----+
| 1 | Alavi | Akbar | 1990-11-12 | NULL | male |
| 2 | Makhdumi | Maryam | 1992-10-13 | NULL | female |
| 3 | Akbari | Maryam | 1985-12-14 | 1999-05-03 | female |
| 4 | Mostafavi | Ahmad | 1991-07-05 | NULL | male |
| 5 | Alemi | Mohammad Reza | 1999-10-16 | NULL | male |
| 6 | Tehrani | Ali | 1979-06-17 | 2007-07-02 | male |
| 7 | Khalilzad | Rojin | 1980-04-18 | NULL | female |
| 8 | Maroofi | Saba | 1993-08-19 | NULL | female |
| 9 | Baradaran | Roshin | 2001-06-20 | NULL | female |
| 10 | Kaabi | Rojin | 1970-02-21 | 2000-11-12 | female |
+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql>

```

دستورات مربوط به این جلسه:

```

CREATE DATABASE class1211;
USE class1211;

CREATE TABLE Persons (
    personID INT UNSIGNED NOT NULL AUTO_INCREMENT,
    last_name VARCHAR(255) NOT NULL,
    first_name VARCHAR(255) NOT NULL,
    birth DATE NOT NULL,
    death DATE,
    gender ENUM('female', 'male') NOT NULL,
    PRIMARY KEY (personID)
);

SELECT * FROM persons;

INSERT INTO Persons (last_name , first_name, birth ,death, gender) VALUES
("Alavi", "Akbar" , "1990-11-12" , null ,"male");
INSERT INTO Persons (last_name , first_name, birth ,death, gender) VALUES
("Makhdumi", "Maryam" , "1992-10-13" , null ,"female");
INSERT INTO Persons (last_name , first_name, birth ,death, gender) VALUES
("Akbari", "Maryam" , "1985-12-14" , "1999-05-03" ,"female");
INSERT INTO Persons (last_name , first_name, birth ,death, gender) VALUES
("Mostafavi", "Ahmad" , "1991-07-05" , null ,"male");
INSERT INTO Persons (last_name , first_name, birth ,death, gender) VALUES
("Alemi", "Mohammad Reza" , "1999-10-16" , null ,"male");
INSERT INTO Persons (last_name , first_name, birth ,death, gender) VALUES
("Tehrani", "Ali" , "1979-06-17" , "2007-07-02" ,"male");
INSERT INTO Persons (last_name , first_name, birth ,death, gender) VALUES
("Khalilzad", "Rojin" , "1980-04-18" , null ,"female");

```

```

INSERT INTO Persons (last_name , first_name, birth ,death, gender) VALUES
("Maroofi", "Saba" , "1993-08-19" , null ,"female");
INSERT INTO Persons (last_name , first_name, birth ,death, gender) VALUES
("Baradaran", "Nushin" , "2001-06-20" , null ,"female");
INSERT INTO Persons (last_name , first_name, birth ,death, gender) VALUES
("Kaabi", "Ali" , "1970-02-21" , "2000-11-12" ,"female");

LOAD DATA LOCAL INFILE 'C:\ProgramData\MySQL\MySQL Server
8.0\Uploads\sample.csv'
INTO TABLE persons
FIELDS TERMINATED BY '
'
ENCLOSED BY '"'
LINES TERMINATED BY '\n'
IGNORE 1 ROWS;

UPDATE persons
SET first_name = "AliAli"
WHERE first_name = "Ali";

DELETE FROM persons
WHERE last_name = "Kaabi";

```

فایل: csv

last_name , first_name, birth ,death, gender

"Alavi", "Akbar" , "1990-11-12" , null ,"male"

"Makhdumi", "Maryam" , "1992-10-13" , null ,"female"

"Akbari", "Maryam" , "1985-12-14" , "1999-05-03" ,"female"

"Mostafavi", "Ahmad" , "1991-07-05" , null ,"male"

"Alemi", "Mohammad Reza" , "1999-10-16" , null ,"male"

"Tehrani", "Ali" , "1979-06-17" , "2007-07-02" ,"male"

"Khalilzad", "Rojin" , "1980-04-18" , null ,"female"

"Maroofi", "Saba" , "1993-08-19" , null ,"female"

"Baradaran", "Nushin" , "2001-06-20" , null ,"female"

"Kaabi", "Rojin" , "1970-02-21" , "2000-11-12" ,"female"