

دستور کار شماره دوم پایگاه داده

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ابتدا table مورد نظر را میسازیم :

```
mysql> CREATE TABLE PERSON ( PERSON_ID 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 (PERSON_ID));
Query OK, 0 rows affected (0.02 sec)
```

حال describe میکنیم :

```
mysql> DESCRIBE PERSON
-> ;
```

Field	Type	Null	Key	Default	Extra
PERSON_ID	int unsigned	NO	PRI	NULL	auto_increment
LAST_NAME	varchar(255)	NO		NULL	
FIRST_NAME	varchar(255)	NO		NULL	
BIRTH	date	NO		NULL	
DEATH	date	YES		NULL	
GENDER	enum('FEMALE','MALE')	NO		NULL	

6 rows in set (0.00 sec)

حال insert میکنیم :

```
mysql> INSERT INTO PERSON(PERSON_ID, LAST_NAME, FIRST_NAME, BIRTH, GENDER)
-> VALUES (1,'ALAVi','AKBAR','1990-11-12','MALE');
Query OK, 1 row affected (0.01 sec)
```

Table را چک میکنیم :

```
mysql> SELECT * FROM PERSON
-> ;
```

PERSON_ID	LAST_NAME	FIRST_NAME	BIRTH	DEATH	GENDER
1	ALAVi	AKBAR	1990-11-12	NULL	MALE

1 row in set (0.00 sec)

سپس بقیه مقادیر را نیز اضافه میکنیم :

```
mysql> INSERT INTO PERSON(PERSON_ID, LAST_NAME, FIRST_NAME, BIRTH, GENDER)
-> VALUES (2,'MAKHDUMI','MARYAM','1992-10-13','FEMALE');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO PERSON
-> VALUES (3,'Mostafavi','Ahmad','1991-07-15',NULL,'MALE');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> INSERT INTO PERSON
-> VALUES (4,'Akbari','Maryam','1980-05-21','1999-7-1','FEMALE');
Query OK, 1 row affected (0.00 sec)
```

دوباره table را چک میکنیم :

```
mysql> select * from person;
+-----+-----+-----+-----+-----+-----+
| PERSON_ID | LAST_NAME | FIRST_NAME | BIRTH      | DEATH      | GENDER |
+-----+-----+-----+-----+-----+-----+
| 1         | ALAVI     | AKBAR      | 1990-11-12 | NULL       | MALE   |
| 2         | MAKHDUMI | MARYAM     | 1992-10-13 | NULL       | FEMALE |
| 3         | Mostafavi | Ahmad      | 1991-07-15 | NULL       | MALE   |
| 4         | Akbari    | Maryam     | 1980-05-21 | 1999-07-01 | FEMALE |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

حال death ها را ست میکنیم :

```
mysql> update person
-> set DEATH = '2023-3-05'
-> WHERE FIRST_NAME ='AHMAD';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update person
-> set DEATH = currdate()
-> WHERE FIRST_NAME='MARYAM';
ERROR 1305 (42000): FUNCTION erfan.currdate does not exist
mysql> update person
-> set DEATH = curdate()
-> WHERE FIRST_NAME='MARYAM';
Query OK, 2 rows affected (0.00 sec)
Rows matched: 2  Changed: 2  Warnings: 0

mysql> describe person
```

حال جدول را چک میکنیم :

```
mysql> select * from person;
+-----+-----+-----+-----+-----+-----+
| PERSON_ID | LAST_NAME | FIRST_NAME | BIRTH      | DEATH      | GENDER |
+-----+-----+-----+-----+-----+-----+
|          1 | ALAVi     | AKBAR      | 1990-11-12 | NULL       | MALE   |
|          2 | MAKHDUMI  | MARYAM     | 1992-10-13 | 2023-03-05 | FEMALE |
|          3 | Mostafavi | Ahmad      | 1991-07-15 | 2023-03-05 | MALE   |
|          4 | Akbari    | Maryam     | 1980-05-21 | 2023-03-05 | FEMALE |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

حال عملیات حذف را آغاز میکنیم :

```
mysql> delete from person
      -> where first_name = 'maryam';
Query OK, 2 rows affected (0.00 sec)
```

و در انتها دستورات نهایی را ران میکنیم :

```
mysql> select * from person;
+-----+-----+-----+-----+-----+-----+
| PERSON_ID | LAST_NAME | FIRST_NAME | BIRTH      | DEATH      | GENDER |
+-----+-----+-----+-----+-----+-----+
|          1 | ALAVi     | AKBAR      | 1990-11-12 | NULL       | MALE   |
|          3 | Mostafavi | Ahmad      | 1991-07-15 | 2023-03-05 | MALE   |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> INSERT INTO PERSON
      -> VALUES (4,'Akbari','Maryam','1980-05-21','1999-7-1','FEMALE');
Query OK, 1 row affected (0.01 sec)

mysql> delete from person
      -> where first_name =binary 'maryam';
Query OK, 0 rows affected, 1 warning (0.00 sec)

mysql> delete from person
      -> where first_name = 'maryam';
Query OK, 1 row affected (0.00 sec)
```