DML

mysql> CREATE TABLE emp(eno int primary key,ename varchar(50),designation varchar(50),salary float,date_of_joining date); Query OK, 0 rows affected (0.04 sec)

```
mysal> DESC emp:
        | Type
                | Null | Key | Default | Extra |
+----+
l eno
        |int |NO |PRI|NULL | |
ename | varchar(50) | YES | NULL |
| designation | varchar(50) | YES | | NULL |
salary
        |float |YES | |NULL | |
| date of joining | date | YES | | NULL |
+-----+
5 rows in set (0.00 sec)
1) Add email column in employee table
mysql> ALTER TABLE emp ADD COLUMN email varchar(50);
Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysgl> DESC emp:
+----+
        | Type | Null | Key | Default | Extra |
l Field
+-----+
       |int |NO |PRI|NULL |
| eno
ename | varchar(50) | YES | NULL |
| designation | varchar(50) | YES | | NULL |
salary
       |float |YES | |NULL | |
| date of joining | date | YES | | NULL |
email | varchar(50) | YES | NULL |
+----+
6 rows in set (0.00 sec)
2) Update all email of employee present in given table
mysgl> SELECT * FROM emp;
+----+------+-----+
| eno | ename | designation | salary | date of joining | email |
+----+
1 | Mr.Advait | Assistant | 54000 | 2002-03-23 | NULL |
2 | Mr.Ram | Accountant | 40000 | 2001-01-03
                                   | NULL |
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3 | Mr.Sham | Developer | 15000 | 2003-11-30

| 4 | Mr.Raghav | manager | 420000 | 2003-03-01 | NULL |

| NULL |

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+----+
4 rows in set (0.00 sec)
mysgl> UPDATE emp SET email='mradvait@gmail.com' where eno=1;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> UPDATE emp SET email='ram123@gmail.com' where eno=2;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysgl> UPDATE emp SET email='mrsham3@gmail.com' where eno=3;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> UPDATE emp SET email='mrraghav@gmail.com' where eno=4;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> SELECT * FROM emp;
+----+
| eno | ename | designation | salary | date of joining | email
+----+
| 1 | Mr.Advait | Assistant | 54000 | 2002-03-23 | mradvait@gmail.com |
2 | Mr.Ram | Accountant | 40000 | 2001-01-03 | ram123@gmail.com |
| 3 | Mr.Sham | Developer | 15000 | 2003-11-30 | mrsham3@gmail.com |
4 | Mr.Raghav | manager | 420000 | 2003-03-01 | mrraghav@gmail.com |
+----+
4 rows in set (0.00 sec)
3) Increase 5% salary of all employee's
mysgl> UPDATE emp SET salary=salary+(salary*0.05);
Query OK, 4 rows affected (0.01 sec)
Rows matched: 4 Changed: 4 Warnings: 0
mysql> SELECT * FROM emp;
+----+
| eno | ename | designation | salary | date of joining | email
+----+
| 1 | Mr.Advait | Assistant | 56700 | 2002-03-23 | mradvait@gmail.com |
2 | Mr.Ram | Accountant | 42000 | 2001-01-03 | ram123@gmail.com |
| 3 | Mr.Sham | Developer | 15750 | 2003-11-30 | mrsham3@gmail.com |
4 | Mr.Raghav | manager | 441000 | 2003-03-01 | mrraghav@gmail.com |
```

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4 rows in set (0.00 sec)
4) Update the post of Mr.Raghav to Sr.Manager
mysql> UPDATE emp SET designation='Sr Manager' where ename='Mr.Raghav';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysgl> SELECT * FROM emp;
+----+
| eno | ename | designation | salary | date of joining | email
+----+
1 | Mr.Advait | Assistant | 56700 | 2002-03-23 | mradvait@gmail.com |
2 | Mr.Ram | Accountant | 42000 | 2001-01-03 | ram123@gmail.com |
| 3 | Mr.Sham | Developer | 15750 | 2003-11-30 | mrsham3@gmail.com |
4 | Mr.Raghav | Sr Manager | 441000 | 2003-03-01 | mrraghav@gmail.com |
+----+
4 rows in set (0.00 sec)
5) Update the employee position with 'Sr Assistant Manager' whose previous post is
'Assistant':
mysql> UPDATE emp SET designation='Sr. Assistant Manager' where designation='Assistant';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysgl> SELECT * FROM emp;
| eno | ename | designation | salary | date_of_joining | email
+----+
1 | Mr.Advait | Sr. Assistant Manager | 56700 | 2002-03-23 | mradvait@gmail.com |
| 2 | Mr.Ram | Accountant | 42000 | 2001-01-03 | ram123@gmail.com |
| 3 | Mr.Sham | Developer | 15750 | 2003-11-30 | mrsham3@gmail.com |
| 4 | Mr.Raghav | Sr Manager
                       | 441000 | 2003-03-01 | mrraghav@gmail.com |
4 rows in set (0.00 sec)
6) Add city column into employee column
mysql> ALTER TABLE emp ADD COLUMN city varchar(50);
Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> SELECT * FROM emp;
eno ename designation salary date_of_joining email city |
+----+
1 | Mr.Advait | Sr. Assistant Manager | 56700 | 2002-03-23 | mradvait@gmail.com | NULL |
```

```
| 2 | Mr.Ram | Accountant | 42000 | 2001-01-03 | ram123@gmail.com | NULL |
                       | 15750 | 2003-11-30 | mrsham3@gmail.com | NULL |
| 3 | Mr.Sham | Developer
| 4 | Mr.Raghav | Sr Manager | 441000 | 2003-03-01 | mrraghav@gmail.com | NULL |
4 rows in set (0.00 sec)
7) Update city column
mysql> UPDATE emp SET city='Pune' where eno=1;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> UPDATE emp SET city='Mumbai',ename='Mr.Roy' where eno=3;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> UPDATE emp SET city='Solapur',designation='CEO' where eno=2;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> UPDATE emp SET city='Satara' where eno=4;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysgl> SELECT * FROM emp;
+----+
| eno | ename | designation | salary | date_of_joining | email | city |
+----+
| 1 | Mr.Advait | Sr. Assistant Manager | 56700 | 2002-03-23 | mradvait@gmail.com | Pune
| 4 | Mr.Raghav | Sr Manager | 441000 | 2003-03-01 | mrraghav@gmail.com | Satara
4 rows in set (0.00 sec)
8) Update record of city of 'Mr.Advait' because he is shifted from pune to mumbai
mysql> UPDATE emp SET city='Mumbai' where ename='Mr.Advait';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> SELECT * FROM emp;
+----+
| eno | ename | designation | salary | date_of_joining | email | city |
```

+++	+++
1 Mr.Advait Sr. Assistant Ma	anager 56700 2002-03-23 mradvait@gmail.com
Mumbai	
2 Mr.Ram CEO	42000 2001-01-03 ram123@gmail.com Solapur
3 Mr.Roy Developer	15750 2003-11-30 mrsham3@gmail.com Mumbai
4 Mr.Raghav Sr Manager	441000 2003-03-01 mrraghav@gmail.com Satara
++	-++
4 rows in set (0.00 sec)	

9) Decrease 5% salary of employee having designation CEO and live in pune

mysql> UPDATE emp SET salary=salary-(salary*0.05) where designation='CEO' and city='pune';

Query OK, 0 rows affected (0.01 sec)

Rows matched: 0 Changed: 0 Warnings: 0

10) Add column Phone_No into emp table with data type int

mysql> ALTER TABLE emp ADD COLUMN phone no int;

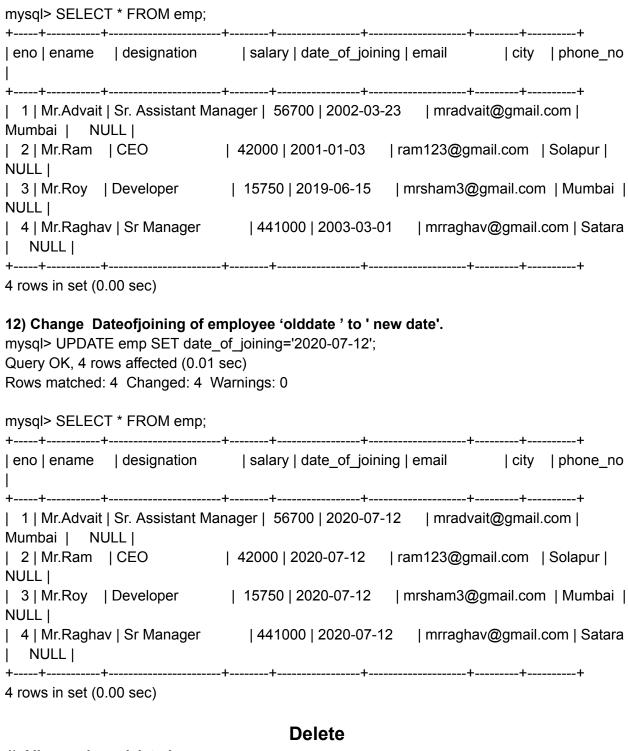
Query OK, 0 rows affected (0.03 sec) Records: 0 Duplicates: 0 Warnings: 0

11) Update date_of_joining of employee to '15/06/2019' whose name is "Mr.Roy" and belong to mumbai city

mysql> UPDATE emp SET date_of_joining='2019-06-15' WHERE ename='Mr.Roy' and city='Mumbai';

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0



1) All record are deleted

DELETE FROM emp:

2) Delete specific record

DELETE FROM emp WHERE rollno=101;

Select

