Name: Sanika Mahesh Sarang   topic: SQL basics

```
    -> salary varchar(10)
    -> );
Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> desc employee;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| empname | varchar(20) | YES  |     | NULL    |       |
| empid   | int         | YES  |     | NULL    |       |
| contact | bigint      | YES  |     | NULL    |       |
| salary  | varchar(10) | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> insert into employee values("sanika",410209,9867697092,"12k");
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values("ayushi",410211,4327685892,"11k");
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values("shreya",410301,5647356564,"11k");
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values("vishwaja",410207,3245423467,"9k");
Query OK, 1 row affected (0.00 sec)

mysql> insert into employee values("ritesh",412768,7867879865,"8k");
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values("vishal",412987,6734598765,"8k");
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values("vicky",418787,6734246438,"7k");
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values("yash",418243,6253446438,"9k");
```

```
mysql> insert into employee values("vishwaja",410207,3245423467,"9k");
Query OK, 1 row affected (0.00 sec)

mysql> insert into employee values("ritesh",412768,7867879865,"8k");
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values("vishal",412987,6734598765,"8k");
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values("vicky",418787,6734246438,"7k");
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values("yash",418243,6253446438,"9k");
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values("shubham",123456,6235758438,"5k");
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values("keshar",987654,6297753438,"4k");
Query OK, 1 row affected (0.01 sec)

mysql> select * from employee;
+----------+--------+------------+--------+
| empname  | empid  | contact    | salary |
+----------+--------+------------+--------+
| sanika   | 410209 | 9867697092 | 12k    |
| ayushi   | 410211 | 4327685892 | 11k    |
| shreya   | 410301 | 5647356564 | 11k    |
| vishwaja | 410207 | 3245423467 | 9k     |
| ritesh   | 412768 | 7867879865 | 8k     |
| vishal   | 412987 | 6734598765 | 8k     |
| vicky    | 418787 | 6734246438 | 7k     |
| yash     | 418243 | 6253446438 | 9k     |
| shubham  | 123456 | 6235758438 | 5k     |
| keshar   | 987654 | 6297753438 | 4k     |
+----------+--------+------------+--------+
10 rows in set (0.00 sec)
```

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```
| yash     | 418243 | 6253446438 | 9k     |
| shubham  | 123456 | 6235758438 | 5k     |
| keshar   | 987654 | 6297753438 | 4k     |
+----------+--------+------------+--------+
10 rows in set (0.00 sec)

mysql> alter table employee
    -> add column city varchar(20);
Query OK, 0 rows affected (0.01 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc employee;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| empname  | varchar(20) | YES  |     | NULL    |       |
| empid    | int         | YES  |     | NULL    |       |
| contact  | bigint      | YES  |     | NULL    |       |
| salary   | varchar(10) | YES  |     | NULL    |       |
| city     | varchar(20) | YES  |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql> select* from employee;
+----------+--------+------------+--------+------+
| empname  | empid  | contact    | salary | city |
+----------+--------+------------+--------+------+
| sanika   | 410209 | 9867697092 | 12k    | NULL |
| ayushi   | 410211 | 4327685892 | 11k    | NULL |
| shreya   | 410301 | 5647356564 | 11k    | NULL |
| vishwaja | 410207 | 3245423467 | 9k     | NULL |
| ritesh   | 412768 | 7867879865 | 8k     | NULL |
| vishal   | 412987 | 6734598765 | 8k     | NULL |
| vicky    | 418787 | 6734246438 | 7k     | NULL |
| yash     | 418243 | 6253446438 | 9k     | NULL |
| shubham  | 123456 | 6235758438 | 5k     | NULL |
| keshar   | 987654 | 6297753438 | 4k     | NULL |
```

```
mysql> insert into student(city) value("mumbai") where id=410209;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the righ
t syntax to use near 'where id=410209' at line 1
mysql> update student set city="mumbai" where id=410209;
ERROR 1146 (42S02): Table 'employee.student' doesn't exist
mysql> update employee set city="mumbai" where id=410209;
ERROR 1054 (42S22): Unknown column 'id' in 'where clause'
mysql> update employee set city="mumbai" where empid=410209;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update employee set city="dombivli" where empid=410211;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update employee set city="thane" where empid=410301;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update employee set city="mumbai" where empid=410207;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update employee set city="kolhapur" where empid=412768;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update employee set city="navimumbai" where empid=412987;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update employee set city="chennai" where empid=418787;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update employee set city="mahabaleshwar" where empid=418243;
```

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