```
Select Command Prompt - mysql  -u root -p                              —    □    ✕

mysql> use database2;
Database changed
mysql> show tables;
Empty set (0.01 sec)

mysql> create table persons(personID int,firstname varchar(20),lastname varcha
r(20),age int);
Query OK, 0 rows affected (0.05 sec)

mysql> select*from persons;
Empty set (0.01 sec)

mysql> insert into persons values('001','ABC','Pune','Pune','411001','MH','100
00');
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> insert into persons values('001','ABC','XYZ','29');
Query OK, 1 row affected (0.01 sec)

mysql> insert into persons values('002','XYZ','ABC','31');
Query OK, 1 row affected (0.01 sec)

mysql> insert into persons values('003','PQR','LMN','33');
Query OK, 1 row affected (0.01 sec)

mysql> select*from persons;
+----------+-----------+----------+------+
| personID | firstname | lastname | age  |
+----------+-----------+----------+------+
|        1 | ABC       | XYZ      |   29 |
|        2 | XYZ       | ABC      |   31 |
|        3 | PQR       | LMN      |   33 |
+----------+-----------+----------+------+
3 rows in set (0.00 sec)

mysql>
```

```
Command Prompt - mysql  -u root -p                                    —    □    ×

mysql> alter table persons add middlename varchar(20);
Query OK, 0 rows affected (0.04 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> select*from persons;
+----------+-----------+----------+------+------------+
| personID | firstname | lastname | age  | middlename |
+----------+-----------+----------+------+------------+
|        1 | ABC       | XYZ      |   29 | NULL       |
|        2 | XYZ       | ABC      |   31 | NULL       |
|        3 | PQR       | LMN      |   33 | NULL       |
+----------+-----------+----------+------+------------+
3 rows in set (0.00 sec)

mysql> alter table persons drop middlename;
Query OK, 0 rows affected (0.09 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> select*from persons;
+----------+-----------+----------+------+
| personID | firstname | lastname | age  |
+----------+-----------+----------+------+
|        1 | ABC       | XYZ      |   29 |
|        2 | XYZ       | ABC      |   31 |
|        3 | PQR       | LMN      |   33 |
+----------+-----------+----------+------+
3 rows in set (0.00 sec)

mysql>
```

```
mysql> create table customer1(id int,name varchar(20),city varchar(20),sal int
);
Query OK, 0 rows affected (0.03 sec)

mysql> select*from customer;
Empty set (0.00 sec)

mysql> insert into customer values('1','a','Pune','10000');
Query OK, 1 row affected (0.01 sec)

mysql> insert into customer values('2','b','Mumbai','9000');
Query OK, 1 row affected (0.01 sec)

mysql> insert into customer values('3','c','Nashik','9500');
Query OK, 1 row affected (0.01 sec)

mysql> select*from customer;
+------+------+--------+-------+
| id   | name | city   | sal   |
+------+------+--------+-------+
|    1 | a    | Pune   | 10000 |
|    2 | b    | Mumbai |  9000 |
|    3 | c    | Nashik |  9500 |
+------+------+--------+-------+
3 rows in set (0.01 sec)

mysql> update customer set city='Mumbai';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 3  Changed: 2  Warnings: 0

mysql> update customer set name='BSIOTR';
Query OK, 3 rows affected (0.01 sec)
Rows matched: 3  Changed: 3  Warnings: 0

mysql> select*from customer;
+------+--------+--------+-------+
| id   | name   | city   | sal   |
+------+--------+--------+-------+
|    1 | BSIOTR | Mumbai | 10000 |
```

```
mysql> select*from customer;
+------+------+--------+-------+
| id   | name | city   | sal   |
+------+------+--------+-------+
|    1 | a    | Pune   | 10000 |
|    2 | b    | Mumbai |  9000 |
|    3 | c    | Nashik |  9500 |
+------+------+--------+-------+
3 rows in set (0.01 sec)

mysql> update customer set city='Mumbai';
Query OK, 2 rows affected (0.01 sec)
Rows matched: 3  Changed: 2  Warnings: 0

mysql> update customer set name='BSIOTR';
Query OK, 3 rows affected (0.01 sec)
Rows matched: 3  Changed: 3  Warnings: 0

mysql> select*from customer;
+------+--------+--------+-------+
| id   | name   | city   | sal   |
+------+--------+--------+-------+
|    1 | BSIOTR | Mumbai | 10000 |
|    2 | BSIOTR | Mumbai |  9000 |
|    3 | BSIOTR | Mumbai |  9500 |
+------+--------+--------+-------+
3 rows in set (0.00 sec)

mysql> desc customer;
+-------+-------------+------+-----+---------+-------+
| Field | Type        | Null | Key | Default | Extra |
+-------+-------------+------+-----+---------+-------+
| id    | int         | YES  |     | NULL    |       |
| name  | varchar(20) | YES  |     | NULL    |       |
| city  | varchar(20) | YES  |     | NULL    |       |
| sal   | int         | YES  |     | NULL    |       |
+-------+-------------+------+-----+---------+-------+
4 rows in set (0.01 sec)
```