```
                                                                                          +
10 rows in set (0.00 sec)

mysql> select *from customer11 order by firstname$$;
ERROR 1054 (42S22): Unknown column 'firstname$$' in 'order clause'
mysql> select *from customer11 order by firstname;
+--------+----------+-----------+------------+-------------+--------+------------+---------+
| custno | lastname | firstname | city       | state       | pin    | dob        | status  |
+--------+----------+-----------+------------+-------------+--------+------------+---------+
|   1007 | Tamboli  | Alfiya    | Malegaon   | Rajasthan   | 555466 | 2003-07-07 | Active  |
|   1006 | Patil    | ANiket    | Mumbai     | Karnataka   | 776688 | 2002-05-19 | Active  |
|   1001 | Philip   | Atharva   | Phaltan    | Maharashtra | NULL   | 2003-04-25 | Active  |
|   1002 | Raut     | Harshad   | Madha      | Karnataka   | 223344 | 2002-02-25 | Active  |
|   1009 | Shaikh   | Kaina     | Wai        | Kerala      | 795578 | 2002-05-19 | Active  |
|   1005 | Salve    | Selvin    | Ahmednagar | Rajasthan   | 554466 | 2001-07-04 | Passive |
|   1003 | Kulkarni | Shreyas   | Baramati   | Maharashtra | 224455 | 2002-09-05 | Active  |
|   1008 | Vaidya   | Soham     | Baramati   | Maharashtra | 798978 | 2002-05-19 | Active  |
|   1004 | Shendge  | Vaishnavi | Pune       | Maharashtra | 224455 | 2002-09-05 | Passive |
|   1010 | Chougule | Yogita    | Someshwar  | Kerala      | 744478 | 2001-04-13 | Passive |
+--------+----------+-----------+------------+-------------+--------+------------+---------+
10 rows in set (0.00 sec)

mysql> select *from customer11 where (state='Karnataka' or state='Kerala') and status='Active';
+--------+----------+-----------+--------+-----------+--------+------------+--------+
| custno | lastname | firstname | city   | state     | pin    | dob        | status |
+--------+----------+-----------+--------+-----------+--------+------------+--------+
|   1002 | Raut     | Harshad   | Madha  | Karnataka | 223344 | 2002-02-25 | Active |
|   1006 | Patil    | ANiket    | Mumbai | Karnataka | 776688 | 2002-05-19 | Active |
|   1009 | Shaikh   | Kaina     | Wai    | Kerala    | 795578 | 2002-05-19 | Active |
+--------+----------+-----------+--------+-----------+--------+------------+--------+
3 rows in set (0.00 sec)

mysql> select firstname,lastname,city,pin from customer11;
+-----------+----------+------------+--------+
| firstname | lastname | city       | pin    |
+-----------+----------+------------+--------+
| Atharva   | Philip   | Phaltan    | NULL   |
| Harshad   | Raut     | Madha      | 223344 |
| Shreyas   | Kulkarni | Baramati   | 224455 |
| Vaishnavi | Shendge  | Pune       | 224455 |
| Selvin    | Salve    | Ahmednagar | 554466 |
| ANiket    | Patil    | Mumbai     | 776688 |
| Alfiya    | Tamboli  | Malegaon   | 555466 |
| Soham     | Vaidya   | Baramati   | 798978 |
| Kaina     | Shaikh   | Wai        | 795578 |
| Yogita    | Chougule | Someshwar  | 744478 |
+-----------+----------+------------+--------+
10 rows in set (0.00 sec)

mysql>
```

```
+--------+----------+-----------+-----------+-------------+--------+------------+----------+
| custno | lastname | firstname | city      | state       | pin    | dob        | status   |
+--------+----------+-----------+-----------+-------------+--------+------------+----------+
|   1007 | Tamboli  | Alfiya    | Malegaon  | Rajasthan   | 555466 | 2003-07-07 | Active   |
|   1006 | Patil    | ANiket    | Mumbai    | Karnataka   | 776688 | 2002-05-19 | Active   |
|   1001 | Philip   | Atharva   | Phaltan   | Maharashtra | NULL   | 2003-04-25 | Active   |
|   1002 | Raut     | Harshad   | Madha     | Karnataka   | 223344 | 2002-02-25 | Active   |
|   1009 | Shaikh   | Kaina     | Wai       | Kerala      | 795578 | 2002-05-19 | Active   |
|   1005 | Salve    | Selvin    | Ahmednagar| Rajasthan   | 554466 | 2001-07-04 | Passive  |
|   1003 | Kulkarni | Shreyas   | Baramati  | Maharashtra | 224455 | 2002-09-05 | Active   |
|   1008 | Vaidya   | Soham     | Baramati  | Maharashtra | 798978 | 2002-05-19 | Active   |
|   1004 | Shendge  | Vaishnavi | Pune      | Maharashtra | 224455 | 2002-09-05 | Passive  |
|   1010 | Chougule | Yogita    | Someshwar | Kerala      | 744478 | 2001-04-13 | Passive  |
+--------+----------+-----------+-----------+-------------+--------+------------+----------+
10 rows in set (0.00 sec)

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 'Delimiter' at line 1
mysql> delimiter ;
mysql> select *from customer11 order by firstname;
+--------+----------+-----------+-----------+-------------+--------+------------+----------+
| custno | lastname | firstname | city      | state       | pin    | dob        | status   |
+--------+----------+-----------+-----------+-------------+--------+------------+----------+
|   1007 | Tamboli  | Alfiya    | Malegaon  | Rajasthan   | 555466 | 2003-07-07 | Active   |
|   1006 | Patil    | ANiket    | Mumbai    | Karnataka   | 776688 | 2002-05-19 | Active   |
|   1001 | Philip   | Atharva   | Phaltan   | Maharashtra | NULL   | 2003-04-25 | Active   |
|   1002 | Raut     | Harshad   | Madha     | Karnataka   | 223344 | 2002-02-25 | Active   |
|   1009 | Shaikh   | Kaina     | Wai       | Kerala      | 795578 | 2002-05-19 | Active   |
|   1005 | Salve    | Selvin    | Ahmednagar| Rajasthan   | 554466 | 2001-07-04 | Passive  |
|   1003 | Kulkarni | Shreyas   | Baramati  | Maharashtra | 224455 | 2002-09-05 | Active   |
|   1008 | Vaidya   | Soham     | Baramati  | Maharashtra | 798978 | 2002-05-19 | Active   |
|   1004 | Shendge  | Vaishnavi | Pune      | Maharashtra | 224455 | 2002-09-05 | Passive  |
|   1010 | Chougule | Yogita    | Someshwar | Kerala      | 744478 | 2001-04-13 | Passive  |
+--------+----------+-----------+-----------+-------------+--------+------------+----------+
10 rows in set (0.00 sec)

mysql> select *from customer11 order by firstname;
+--------+----------+-----------+-----------+-------------+--------+------------+----------+
| custno | lastname | firstname | city      | state       | pin    | dob        | status   |
+--------+----------+-----------+-----------+-------------+--------+------------+----------+
|   1007 | Tamboli  | Alfiya    | Malegaon  | Rajasthan   | 555466 | 2003-07-07 | Active   |
|   1006 | Patil    | ANiket    | Mumbai    | Karnataka   | 776688 | 2002-05-19 | Active   |
|   1001 | Philip   | Atharva   | Phaltan   | Maharashtra | NULL   | 2003-04-25 | Active   |
|   1002 | Raut     | Harshad   | Madha     | Karnataka   | 223344 | 2002-02-25 | Active   |
|   1009 | Shaikh   | Kaina     | Wai       | Kerala      | 795578 | 2002-05-19 | Active   |
|   1005 | Salve    | Selvin    | Ahmednagar| Rajasthan   | 554466 | 2001-07-04 | Passive  |
|   1003 | Kulkarni | Shreyas   | Baramati  | Maharashtra | 224455 | 2002-09-05 | Active   |
|   1008 | Vaidya   | Soham     | Baramati  | Maharashtra | 798978 | 2002-05-19 | Active   |
|   1004 | Shendge  | Vaishnavi | Pune      | Maharashtra | 224455 | 2002-09-05 | Passive  |
|   1010 | Chougule | Yogita    | Someshwar | Kerala      | 744478 | 2001-04-13 | Passive  |
+--------+----------+-----------+-----------+-------------+--------+------------+----------+
10 rows in set (0.00 sec)
```

```
| lastname |
+----------+
| Shendge  |
| Salve    |
| Shaikh   |
+----------+
3 rows in set (0.00 sec)

mysql> update customer11 set lastname="Philip" where custno=1001;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select lastname from customer11 where lastname like "s%" or lastname like "%p";
+----------+
| lastname |
+----------+
| Philip   |
| Shendge  |
| Salve    |
| Shaikh   |
+----------+
4 rows in set (0.00 sec)

mysql> delimiter $$;
mysql> select *from customer11 order by firstname$$
    -> ;
    -> $$;
ERROR 1054 (42S22): Unknown column 'firstname$$' in 'order clause'
mysql> select *from customer11 order by firstname$$;
+--------+----------+-----------+-----------+-------------+--------+------------+---------+
| custno | lastname | firstname | city      | state       | pin    | dob        | status  |
+--------+----------+-----------+-----------+-------------+--------+------------+---------+
|   1007 | Tamboli  | Alfiya    | Malegaon  | Rajasthan   | 555466 | 2003-07-07 | Active  |
|   1006 | Patil    | ANiket    | Mumbai    | Karnataka   | 776688 | 2002-05-19 | Active  |
|   1001 | Philip   | Atharva   | Phaltan   | Maharashtra | NULL   | 2003-04-25 | Active  |
|   1002 | Raut     | Harshad   | Madha     | Karnataka   | 223344 | 2002-02-25 | Active  |
|   1009 | Shaikh   | Kaina     | Wai       | Kerala      | 795578 | 2002-05-19 | Active  |
|   1005 | Salve    | Selvin    | Ahmednagar| Rajasthan   | 554466 | 2001-07-04 | Passive |
|   1003 | Kulkarni | Shreyas   | Baramati  | Maharashtra | 224455 | 2002-09-05 | Active  |
|   1008 | Vaidya   | Soham     | Baramati  | Maharashtra | 798978 | 2002-05-19 | Active  |
|   1004 | Shendge  | Vaishnavi | Pune      | Maharashtra | 224455 | 2002-09-05 | Passive |
|   1010 | Chougule | Yogita    | Someshwar | Kerala      | 744478 | 2001-04-13 | Passive |
+--------+----------+-----------+-----------+-------------+--------+------------+---------+
10 rows in set (0.00 sec)

mysql> select *from customer11 order by firstname;
    -> $$;
+--------+----------+-----------+-----------+-------------+--------+------------+---------+
| custno | lastname | firstname | city      | state       | pin    | dob        | status  |
+--------+----------+-----------+-----------+-------------+--------+------------+---------+
|   1007 | Tamboli  | Alfiya    | Malegaon  | Rajasthan   | 555466 | 2003-07-07 | Active  |
|   1006 | Patil    | ANiket    | Mumbai    | Karnataka   | 776688 | 2002-05-19 | Active  |
```

```
+----------+----------+
2 rows in set (0.00 sec)

mysql> select *from customer11 where pin='NULL';
Empty set (0.00 sec)

mysql> update customer11 set pin=null where custno=1001;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select *from customer11;
+--------+----------+-----------+------------+-------------+--------+------------+---------+
| custno | lastname | firstname | city       | state       | pin    | dob        | status  |
+--------+----------+-----------+------------+-------------+--------+------------+---------+
|   1001 | Gosavi   | Atharva   | Phaltan    | Maharashtra | NULL   | 2003-04-25 | Active  |
|   1002 | Raut     | Harshad   | Madha      | Karnataka   | 223344 | 2002-02-25 | Active  |
|   1003 | Kulkarni | Shreyas   | Baramati   | Maharashtra | 224455 | 2002-09-05 | Active  |
|   1004 | Shendge  | Vaishnavi | Pune       | Maharashtra | 224455 | 2002-09-05 | Passive |
|   1005 | Salve    | Selvin    | Ahmednagar | Rajasthan   | 554466 | 2001-07-04 | Passive |
|   1006 | Patil    | ANiket    | Mumbai     | Karnataka   | 776688 | 2002-05-19 | Active  |
|   1007 | Tamboli  | Alfiya    | Malegaon   | Rajasthan   | 555466 | 2003-07-07 | Active  |
|   1008 | Vaidya   | Soham     | Baramati   | Maharashtra | 798978 | 2002-05-19 | Active  |
|   1009 | Shaikh   | Kaina     | Wai        | Kerala      | 795578 | 2002-05-19 | Active  |
|   1010 | Chougule | Yogita    | Someshwar  | Kerala      | 744478 | 2001-04-13 | Passive |
+--------+----------+-----------+------------+-------------+--------+------------+---------+
10 rows in set (0.00 sec)

mysql> select *from customer11 where pin='NULL';
Empty set (0.00 sec)

mysql> select *from customer11 where pin=null;
Empty set (0.00 sec)

mysql> select *from customer11 where pin is null;
+--------+----------+-----------+---------+-------------+------+------------+--------+
| custno | lastname | firstname | city    | state       | pin  | dob        | status |
+--------+----------+-----------+---------+-------------+------+------------+--------+
|   1001 | Gosavi   | Atharva   | Phaltan | Maharashtra | NULL | 2003-04-25 | Active |
+--------+----------+-----------+---------+-------------+------+------------+--------+
1 row in set (0.00 sec)

mysql> select lastname from customer11 where lastname like "s%" or lastname like "%p";
+----------+
| lastname |
+----------+
| Shendge  |
| Salve    |
| Shaikh   |
+----------+
3 rows in set (0.00 sec)

mysql> update customer11 set lastname="Philip" where custno=1001;
```
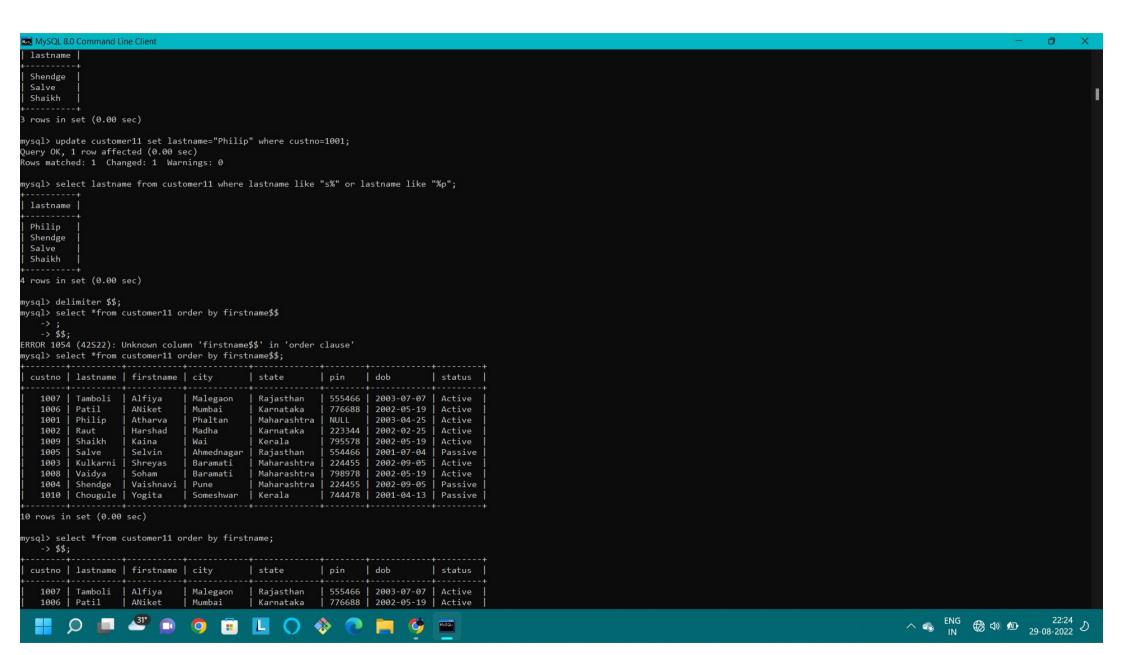
```
|   1007 | Tamboli   | Alfiya    | Malegaon    | Rajasthan   | 555466 | 2003-07-07 | Active   |
|   1008 | Vaidya    | Soham     | Baramati    | Maharashtra | 798978 | 2002-05-19 | Active   |
|   1009 | Shaikh    | Kaina     | Wai         | Maharashtra | 795578 | 2002-05-19 | Active   |
|   1010 | Chougule  | Yogita    | Someshwar   | Kerala      | 744478 | 2001-04-13 | Passive  |
+--------+-----------+-----------+-------------+-------------+--------+------------+----------+
10 rows in set (0.00 sec)

mysql> update customer11 set state='Karnataka' where custno=1002;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update customer11 set state='Kerala' where custno=1009;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update customer11 set state='Karnataka' where custno=1006;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select *from customer11;
+--------+-----------+-----------+-------------+-------------+--------+------------+----------+
| custno | lastname  | firstname | city        | state       | pin    | dob        | status   |
+--------+-----------+-----------+-------------+-------------+--------+------------+----------+
|   1001 | Gosavi    | Atharva   | Phaltan     | Maharashtra | 415523 | 2003-04-25 | Active   |
|   1002 | Raut      | Harshad   | Madha       | Karnataka   | 223344 | 2002-02-25 | Active   |
|   1003 | Kulkarni  | Shreyas   | Baramati    | Maharashtra | 224455 | 2002-09-05 | Active   |
|   1004 | Shendge   | Vaishnavi | Pune        | Maharashtra | 224455 | 2002-09-05 | Passive  |
|   1005 | Salve     | Selvin    | Ahmednagar  | Rajasthan   | 554466 | 2001-07-04 | Passive  |
|   1006 | Patil     | ANiket    | Mumbai      | Karnataka   | 776688 | 2002-05-19 | Active   |
|   1007 | Tamboli   | Alfiya    | Malegaon    | Rajasthan   | 555466 | 2003-07-07 | Active   |
|   1008 | Vaidya    | Soham     | Baramati    | Maharashtra | 798978 | 2002-05-19 | Active   |
|   1009 | Shaikh    | Kaina     | Wai         | Kerala      | 795578 | 2002-05-19 | Active   |
|   1010 | Chougule  | Yogita    | Someshwar   | Kerala      | 744478 | 2001-04-13 | Passive  |
+--------+-----------+-----------+-------------+-------------+--------+------------+----------+
10 rows in set (0.00 sec)

mysql> select firstname,lastname where state='Karnataka';
ERROR 1054 (42S22): Unknown column 'firstname' in 'field list'
mysql> select firstname, lastname from customer11 where state='Karnataka';
+-----------+----------+
| firstname | lastname |
+-----------+----------+
| Harshad   | Raut     |
| ANiket    | Patil    |
+-----------+----------+
2 rows in set (0.00 sec)

mysql> select *from customer11 where pin='NULL';
Empty set (0.00 sec)

mysql> update customer11 set pin=null where custno=1001;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into customer11 values(1004,'Shendge','Vaishnavi','Pune','Maharashtra','224455','2002-09-05','Passive');
Query OK, 1 row affected (0.01 sec)

mysql> insert into customer11 values(1005,'Salve','Selvin','Ahmednagar','Rajasthan','554466','2001-07-04','Passive');
Query OK, 1 row affected (0.01 sec)

mysql> insert into customer11 values(1007,'Tamboli','Alfiya','Malegaon','Rajasthan','555466','2003-07-07','Active');
Query OK, 1 row affected (0.01 sec)

mysql> insert into customer11 values(1006,'Patil','ANiket','Mumbai','Maharashtra','776688','2002-05-19','Active');
    '> insert into customer11 values(1006,'Patil','ANiket','Mumbai','Maharashtra','776688','2002-05-19','Active');
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 'Active');
insert into customer11 values(1006,'Patil','ANiket','Mumbai','Maharash' at line 1
mysql> insert into customer11 values(1006,'Patil','ANiket','Mumbai','Maharashtra','776688','2002-05-19','Active');`
Query OK, 1 row affected (0.01 sec)

    `> insert into customer11 values(1008,'Vaidya','Soham','Baramati','Maharashtra','776688','2002-05-19','Active');`
    -> insert into customer11 values(1008,'Vaidya','Soham','Baramati','Maharashtra','776688','2002-05-19','Active');
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 '`
insert into customer11 values(1008,'Vaidya','Soham','Baramati','Maharashtra','' at line 1
mysql> insert into customer11 values(1008,'Vaidya','Soham','Baramati','Maharashtra','798978','2002-05-19','Active');
Query OK, 1 row affected (0.01 sec)

mysql> insert into customer11 values(1009,'Shaikh','Kaina','Wai','Maharashtra','795578','2002-05-19','Active');
Query OK, 1 row affected (0.07 sec)

mysql> insert into customer11 values(1010,'Chougule','Yogita','Someshwar','Kerala','744478','2001-04-31','Passive');
ERROR 1292 (22007): Incorrect date value: '2001-04-31' for column 'dob' at row 1
mysql> insert into customer11 values(1010,'Chougule','Yogita','Someshwar','Kerala','744478','2001-04-13','Passive');
Query OK, 1 row affected (0.01 sec)

mysql> select *from customer11;
+--------+----------+-----------+------------+-------------+--------+------------+---------+
| custno | lastname | firstname | city       | state       | pin    | dob        | status  |
+--------+----------+-----------+------------+-------------+--------+------------+---------+
|   1001 | Gosavi   | Atharva   | Phaltan    | Maharashtra | 415523 | 2003-04-25 | Active  |
|   1002 | Raut     | Harshad   | Madha      | Maharashtra | 223344 | 2002-02-25 | Active  |
|   1003 | Kulkarni | Shreyas   | Baramati   | Maharashtra | 224455 | 2002-09-05 | Active  |
|   1004 | Shendge  | Vaishnavi | Pune       | Maharashtra | 224455 | 2002-09-05 | Passive |
|   1005 | Salve    | Selvin    | Ahmednagar | Rajasthan   | 554466 | 2001-07-04 | Passive |
|   1006 | Patil    | ANiket    | Mumbai     | Maharashtra | 776688 | 2002-05-19 | Active  |
|   1007 | Tamboli  | Alfiya    | Malegaon   | Rajasthan   | 555466 | 2003-07-07 | Active  |
|   1008 | Vaidya   | Soham     | Baramati   | Maharashtra | 798978 | 2002-05-19 | Active  |
|   1009 | Shaikh   | Kaina     | Wai        | Maharashtra | 795578 | 2002-05-19 | Active  |
|   1010 | Chougule | Yogita    | Someshwar  | Kerala      | 744478 | 2001-04-13 | Passive |
+--------+----------+-----------+------------+-------------+--------+------------+---------+
10 rows in set (0.00 sec)

mysql> update customer11 set state='Karnataka' where custno=1002;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> create table customer(cust_no int(4) primary key,
    -> lastname varchar(15),
    -> firstname varchar(15),
    -> city varchar(20),
    -> state varchar(20),
    -> pin varchar(6),
    -> dob date,
    -> status varchar(8));
ERROR 1050 (42S01): Table 'customer' already exists
mysql>  create table customer11(cust_no int(4) primary key,
    -> lastname varchar(15),
    -> firstname varchar(15) not null,
    -> city varchar(20),
    -> state varchar(20),
    -> pin varchar(6),
    -> dob date,
    -> status varchar(8));
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 '-> lastname varchar(15),
                    ' at line 1
mysql> create table customer11(
    -> custno int primary key,
    -> lastname varchar(15),
    -> firstname varchar(15),
    -> city varchar(20),
    -> state varchar(20),
    -> pin varchar(10),
    -> dob date,
    -> status varchar(8));
Query OK, 0 rows affected (0.02 sec)

mysql> insert into customer11(1001,'Gosavi','Atharva','Phaltan','Maharashtra','415523','2003-04-25','Active');
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 '1001,'Gosavi','Atharva','Phaltan','Maharashtra','415523'
,'2003-04-25','Active')' at line 1
mysql> insert into customer11 values(1001,'Gosavi','Atharva','Phaltan','Maharashtra','415523','2003-04-25','Active');
Query OK, 1 row affected (0.01 sec)

mysql> insert into customer11 values(1002,'Raut','Harshad','Madha','Maharashtra','223344','2002-02-25','Active');
Query OK, 1 row affected (0.01 sec)

mysql> insert into customer11 values(1003,'Kulkarni','Shreyas','Baramati','Maharashtra','224455','2002-09-05','Active');
Query OK, 1 row affected (0.01 sec)

mysql> insert into customer11 values(1004,'Shendge','Vaishnavi','Pune','Maharashtra','224455','2002-09-05','Passive');
Query OK, 1 row affected (0.01 sec)

mysql> insert into customer11 values(1005,'Salve','Selvin','Ahmednagar','Rajasthan','554466','2001-07-04','Passive');
Query OK, 1 row affected (0.01 sec)

mysql> insert into customer11 values(1007,'Tamboli','Alfiya','Malegaon','Rajasthan','555466','2003-07-07','Active');
Query OK, 1 row affected (0.01 sec)

mysql> insert into customer11 values(1006,'Patil','ANiket','Mumbai','Maharashtra','776688','2002-05-19','Active');
```

```
        -> doj date,
        -> ename varchar(20) unique not null,
        -> salary int,
        -> dept_name varchar(20),
        -> primary key(eid),
        -> foreign key(dept_name)references dept(dname));
Query OK, 0 rows affected (0.12 sec)

mysql> insert into employee values(101,'2003-02-10','Atharva','AI&DS',90000);
ERROR 1366 (HY000): Incorrect integer value: 'AI&DS' for column 'salary' at row 1
mysql> insert into employee values(101,'2003-02-10','Atharva',90000,'AI&DS');
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values(102,'2005-12-22','Hrishi',50000,'MECH');
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values(103,'2006-12-22','Hruushi',50000,'It');
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values(104,'2005-12-25','Kaustubh',86000,'CSE');
Query OK, 1 row affected (0.07 sec)

mysql> select *from employee;
+-----+------------+----------+--------+-----------+
| eid | doj        | ename    | salary | dept_name |
+-----+------------+----------+--------+-----------+
| 101 | 2003-02-10 | Atharva  |  90000 | AI&DS     |
| 102 | 2005-12-22 | Hrishi   |  50000 | MECH      |
| 103 | 2006-12-22 | Hruushi  |  50000 | It        |
| 104 | 2005-12-25 | Kaustubh |  86000 | CSE       |
+-----+------------+----------+--------+-----------+
4 rows in set (0.00 sec)

mysql> delete from dept where dname='CSE';
ERROR 1451 (23000): Cannot delete or update a parent row: a foreign key constraint fails (`atharva`.`employee`, CONSTRAINT `employee_ibfk_1` FOREIGN KEY (`dept_name`) REFERENCES `dept` (`dname`))
mysql> insert into employee values(104,'2005-12-25','Kaustubh',86000,'CSE');
ERROR 1062 (23000): Duplicate entry '104' for key 'employee.PRIMARY'
mysql> create table customer(cust_no int(4) primary key,
    -> lastname varchar(15),
    -> firstname varchar(15),
    -> city varchar(20),
    -> state varchar(20),
    -> pin varchar(6),
    -> dob date,
    -> status varchar(8));
ERROR 1050 (42S01): Table 'customer' already exists
mysql>  create table customer11(cust_no int(4) primary key,
    -> lastname varchar(15),
    -> firstname varchar(15) not null,
    -> city varchar(20),
    -> state varchar(20),
    -> pin varchar(6),
```

```
              -> salary int,
              -> primary key(eid),
              -> foreign key(dept_name)references dept(dname));
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 '-> eid int,
                      ' at line 1
mysql> create table employee(
    -> eid int,
    -> doj date,
    -> ename varchar(20) unique not null,
    -> salary int,
    -> primary key(eid
    ->
    -> ^C
mysql> create table employee(
    -> eid int,
    -> ename varchar(20) unique not null,
    -> doj date,
    -> salary int,
    -> dept_name varchar(30),
    -> salary int,
    ->  /
    -> ;
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 '/' at line 8
mysql> create table employee(
    -> eid int,
    -> doj date,
    -> ename varchar(20) unique not null,
    -> salary int,
    -> dept_name varchar(20),
    -> primary key(eid),
    -> foreign key(dept_name)references dept(dname));
ERROR 1822 (HY000): Failed to add the foreign key constraint. Missing index for constraint 'employee_ibfk_1' in the referenced table 'dept'
mysql> desc dept;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| dname    | varchar(30) | YES  |     | NULL    |       |
| capacity | int         | YES  |     | NULL    |       |
| esty     | int         | NO   |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> alter table dept modify dname varchar(30) primary key;
Query OK, 0 rows affected (0.06 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> create table employee(
    -> eid int,
    -> doj date,
    -> ename varchar(20) unique not null,
    -> salary int,
    -> dept_name varchar(20),
```

```
| sakila              |
| sys                 |
| world               |
+---------------------+
8 rows in set (0.01 sec)

mysql> use atharva;
Database changed
mysql> create table dept
    -> (
    -> dname varchar(30),
    -> capacity int,
    -> esty int not null);
Query OK, 0 rows affected (0.02 sec)

mysql> insert into dept values('CSE',60);
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> insert into dept values('CSE',60,2003);
Query OK, 1 row affected (0.01 sec)

mysql> insert into dept values('MECH',80,2000);
Query OK, 1 row affected (0.01 sec)

mysql> insert into dept values('It',60,2004);
Query OK, 1 row affected (0.07 sec)

mysql> insert into dept values('AI&DS',120,2020);
Query OK, 1 row affected (0.01 sec)

mysql> desc dept;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| dname    | varchar(30) | YES  |     | NULL    |       |
| capacity | int         | YES  |     | NULL    |       |
| esty     | int         | NO   |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> select *from dept;
+-------+----------+------+
| dname | capacity | esty |
+-------+----------+------+
| CSE   |       60 | 2003 |
| MECH  |       80 | 2000 |
| It    |       60 | 2004 |
| AI&DS |      120 | 2020 |
+-------+----------+------+
4 rows in set (0.00 sec)

mysql> create table employee(
    -> eid int,
```