```
mysql> use atharva;
Database changed
mysql> show tables;
+-------------------+
| Tables_in_atharva |
+-------------------+
| account           |
| book              |
| customer          |
| customer11        |
| dept              |
| emp               |
| employee          |
| product           |
| product1          |
| t1                |
+-------------------+
10 rows in set (0.00 sec)

mysql> select *from book;
Empty set (0.02 sec)

mysql> show tables;
+-------------------+
| Tables_in_atharva |
+-------------------+
| account           |
| book              |
| customer          |
| customer11        |
| dept              |
| emp               |
| employee          |
| product           |
| product1          |
| t1                |
+-------------------+
10 rows in set (0.00 sec)

mysql> desc emp;
+--------------+-------------+------+-----+---------+-------+
| Field        | Type        | Null | Key | Default | Extra |
+--------------+-------------+------+-----+---------+-------+
| employeename | varchar(20) | YES  |     | NULL    |       |
| emp_id       | int         | YES  |     | NULL    |       |
| salary       | int         | YES  |     | NULL    |       |
+--------------+-------------+------+-----+---------+-------+
```

```
mysql> desc product;
+--------------+-------------+------+-----+---------+-------+
| Field        | Type        | Null | Key | Default | Extra |
+--------------+-------------+------+-----+---------+-------+
| productname  | varchar(30) | YES  |     | NULL    |       |
| productprice | int         | YES  |     | NULL    |       |
| company      | varchar(25) | YES  |     | NULL    |       |
+--------------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> desc account;
+---------------+-------------+------+-----+---------+-------+
| Field         | Type        | Null | Key | Default | Extra |
+---------------+-------------+------+-----+---------+-------+
| accountnumber | int         | YES  |     | NULL    |       |
| accountname   | varchar(15) | YES  |     | NULL    |       |
| accountbalance| int         | YES  |     | NULL    |       |
+---------------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> select *from emp;
+--------------+--------+--------+
| employeename | emp_id | salary |
+--------------+--------+--------+
| sahil        |    101 |  40000 |
| vedant       |    102 |  70000 |
| vedant       |    102 |  70000 |
| yash         |    101 |  70000 |
| vaishnavi    |    104 |  65000 |
| vaishnavi    |    107 |  90000 |
| vaishnavi    |    107 |  90000 |
| vaishnavi    |    107 |  90000 |
| alfiya       |    108 |  65000 |
| kaina        |    102 |  65000 |
+--------------+--------+--------+
10 rows in set (0.02 sec)

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

mysql> insert into account values(2120,'GOSAVI ATHARVA',10000000);
Query OK, 1 row affected (0.01 sec)

mysql> insert into account values(2121,'KARNE ATHARVA',8000000);
Query OK, 1 row affected (0.01 sec)

mysql> insert into account values(2121,'GADE KAUSTUBH',8000000);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> insert into account values(2121,'DUCHAL HARSHAD',7500000);
Query OK, 1 row affected (0.01 sec)

mysql> insert into account values(2122,'KULKARNI SHREYAS',7100000);
ERROR 1406 (22001): Data too long for column 'accountname' at row 1
mysql> insert into account values(2122,'KULKARNI SEYAS',7100000);
Query OK, 1 row affected (0.00 sec)

mysql> insert into account values(2122,'SALVE SELVIN',15000000);
Query OK, 1 row affected (0.01 sec)

mysql> insert into account values(2123,'TAMBOLI ALFIYA',19000000);
Query OK, 1 row affected (0.01 sec)

mysql> select *from account;
+---------------+----------------+----------------+
| accountnumber | accountname    | accountbalance |
+---------------+----------------+----------------+
|          2120 | GOSAVI ATHARVA |       10000000 |
|          2121 | KARNE ATHARVA  |        8000000 |
|          2121 | GADE KAUSTUBH  |        8000000 |
|          2121 | DUCHAL HARSHAD |        7500000 |
|          2122 | KULKARNI SEYAS |        7100000 |
|          2122 | SALVE SELVIN   |       15000000 |
|          2123 | TAMBOLI ALFIYA |       19000000 |
+---------------+----------------+----------------+
7 rows in set (0.00 sec)

mysql> update account set accountnumber=2122 where accountname='GADE KAUSTUBH';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update account set accountnumber=2123 where accountname='DUCHAL HARSHAD';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update account set accountnumber=2124 where accountname='KULKARNI SEYAS';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update account set accountnumber=2125 where accountname='SALVE SELVIN';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update account set accountnumber=2126 where accountname='TAMBOLI ALFIYA';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> select *from account;
+---------------+----------------+----------------+
| accountnumber | accountname    | accountbalance |
+---------------+----------------+----------------+
|          2120 | GOSAVI ATHARVA |       10000000 |
|          2121 | KARNE ATHARVA  |        8000000 |
|          2122 | GADE KAUSTUBH  |        8000000 |
|          2123 | DUCHAL HARSHAD |        7500000 |
|          2124 | KULKARNI SEYAS |        7100000 |
|          2125 | SALVE SELVIN   |       15000000 |
|          2126 | TAMBOLI ALFIYA |       19000000 |
+---------------+----------------+----------------+
7 rows in set (0.00 sec)

mysql> select *from product;
+-------------+--------------+----------+
| productname | productprice | company  |
+-------------+--------------+----------+
| cycle       |         5000 | hero     |
| cycle       |         5000 | hercules |
| computer    |         5000 | dell     |
| computer    |         5000 | delll    |
+-------------+--------------+----------+
4 rows in set (0.02 sec)

mysql> commit;
Query OK, 0 rows affected (0.00 sec)

mysql> rollback;
Query OK, 0 rows affected (0.00 sec)

mysql> update account set accountnumber=2127 where accountname='TAMBOLI ALFIYA';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select *from account;
+---------------+----------------+----------------+
| accountnumber | accountname    | accountbalance |
+---------------+----------------+----------------+
|          2120 | GOSAVI ATHARVA |       10000000 |
|          2121 | KARNE ATHARVA  |        8000000 |
|          2122 | GADE KAUSTUBH  |        8000000 |
|          2123 | DUCHAL HARSHAD |        7500000 |
|          2124 | KULKARNI SEYAS |        7100000 |
|          2125 | SALVE SELVIN   |       15000000 |
|          2127 | TAMBOLI ALFIYA |       19000000 |
+---------------+----------------+----------------+
7 rows in set (0.00 sec)
```

```
mysql> rollback;
Query OK, 0 rows affected (0.00 sec)

mysql> select *from account;
+--------------+----------------+----------------+
| accountnumber | accountname   | accountbalance |
+--------------+----------------+----------------+
|         2120 | GOSAVI ATHARVA |       10000000 |
|         2121 | KARNE ATHARVA  |        8000000 |
|         2122 | GADE KAUSTUBH  |        8000000 |
|         2123 | DUCHAL HARSHAD |        7500000 |
|         2124 | KULKARNI SEYAS |        7100000 |
|         2125 | SALVE SELVIN   |       15000000 |
|         2127 | TAMBOLI ALFIYA |       19000000 |
+--------------+----------------+----------------+
7 rows in set (0.00 sec)

mysql> update account set accountnumber=2126 where accountname='TAMBOLI ALFIYA';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> rollback;
Query OK, 0 rows affected (0.00 sec)

mysql> select *from account;
+--------------+----------------+----------------+
| accountnumber | accountname   | accountbalance |
+--------------+----------------+----------------+
|         2120 | GOSAVI ATHARVA |       10000000 |
|         2121 | KARNE ATHARVA  |        8000000 |
|         2122 | GADE KAUSTUBH  |        8000000 |
|         2123 | DUCHAL HARSHAD |        7500000 |
|         2124 | KULKARNI SEYAS |        7100000 |
|         2125 | SALVE SELVIN   |       15000000 |
|         2126 | TAMBOLI ALFIYA |       19000000 |
+--------------+----------------+----------------+
7 rows in set (0.00 sec)

mysql> rollback;
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> select *from account;
+--------------+----------------+----------------+
| accountnumber | accountname   | accountbalance |
+--------------+----------------+----------------+
|         2120 | GOSAVI ATHARVA |       10000000 |
|         2121 | KARNE ATHARVA  |        8000000 |
|         2122 | GADE KAUSTUBH  |        8000000 |
|         2123 | DUCHAL HARSHAD |        7500000 |
|         2124 | KULKARNI SEYAS |        7100000 |
|         2125 | SALVE SELVIN   |       15000000 |
|         2126 | TAMBOLI ALFIYA |       19000000 |
+--------------+----------------+----------------+
7 rows in set (0.00 sec)

mysql> savepoint s1;
Query OK, 0 rows affected (0.00 sec)

mysql> update account set accountnumber=00000000000 where accountname='TAMBOLI ALFIYA';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select *from account;
+--------------+----------------+----------------+
| accountnumber | accountname   | accountbalance |
+--------------+----------------+----------------+
|         2120 | GOSAVI ATHARVA |       10000000 |
|         2121 | KARNE ATHARVA  |        8000000 |
|         2122 | GADE KAUSTUBH  |        8000000 |
|         2123 | DUCHAL HARSHAD |        7500000 |
|         2124 | KULKARNI SEYAS |        7100000 |
|         2125 | SALVE SELVIN   |       15000000 |
|            0 | TAMBOLI ALFIYA |       19000000 |
+--------------+----------------+----------------+
7 rows in set (0.00 sec)

mysql> rollback to s1;
ERROR 1305 (42000): SAVEPOINT s1 does not exist
mysql> rollback s1;
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 's1' at line 1
mysql> rollback to s1;
ERROR 1305 (42000): SAVEPOINT s1 does not exist
mysql> rollback to savepoint s1;
ERROR 1305 (42000): SAVEPOINT s1 does not exist
mysql> alter table emp add dob date;
Query OK, 0 rows affected (0.02 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
+--------------+--------+--------+------+
| employeename | emp_id | salary | dob  |
+--------------+--------+--------+------+
| sahil        |    101 |  40000 | NULL |
| vedant       |    102 |  70000 | NULL |
| vedant       |    102 |  70000 | NULL |
| yash         |    101 |  70000 | NULL |
| vaishnavi    |    104 |  65000 | NULL |
| vaishnavi    |    107 |  90000 | NULL |
| vaishnavi    |    107 |  90000 | NULL |
| vaishnavi    |    107 |  90000 | NULL |
| alfiya       |    108 |  65000 | NULL |
| kaina        |    102 |  65000 | NULL |
+--------------+--------+--------+------+
10 rows in set (0.00 sec)

mysql> alter table account add transaction int;
Query OK, 0 rows affected (0.01 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> select *from account;
+---------------+----------------+----------------+-------------+
| accountnumber | accountname    | accountbalance | transaction |
+---------------+----------------+----------------+-------------+
|          2120 | GOSAVI ATHARVA |       10000000 |        NULL |
|          2121 | KARNE ATHARVA  |        8000000 |        NULL |
|          2122 | GADE KAUSTUBH  |        8000000 |        NULL |
|          2123 | DUCHAL HARSHAD |        7500000 |        NULL |
|          2124 | KULKARNI SEYAS |        7100000 |        NULL |
|          2125 | SALVE SELVIN   |       15000000 |        NULL |
|             0 | TAMBOLI ALFIYA |       19000000 |        NULL |
+---------------+----------------+----------------+-------------+
7 rows in set (0.00 sec)

mysql> alter table account drop transaction;
Query OK, 0 rows affected (0.01 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> select *from account;
+---------------+----------------+----------------+
| accountnumber | accountname    | accountbalance |
+---------------+----------------+----------------+
|          2120 | GOSAVI ATHARVA |       10000000 |
|          2121 | KARNE ATHARVA  |        8000000 |
|          2122 | GADE KAUSTUBH  |        8000000 |
|          2123 | DUCHAL HARSHAD |        7500000 |
|          2124 | KULKARNI SEYAS |        7100000 |
|          2125 | SALVE SELVIN   |       15000000 |
|             0 | TAMBOLI ALFIYA |       19000000 |
```

```
mysql> drop table account;
Query OK, 0 rows affected (0.02 sec)

mysql> select *from account;
ERROR 1146 (42S02): Table 'atharva.account' doesn't exist
mysql> show tables;
+------------------+
| Tables_in_atharva |
+------------------+
| book             |
| customer         |
| customer11       |
| dept             |
| emp              |
| employee         |
| product          |
| product1         |
| t1               |
+------------------+
9 rows in set (0.00 sec)

mysql> alter table emp modify dob varchar(10);
Query OK, 10 rows affected (0.03 sec)
Records: 10  Duplicates: 0  Warnings: 0

mysql> desc emp;
+--------------+-------------+------+-----+---------+-------+
| Field        | Type        | Null | Key | Default | Extra |
+--------------+-------------+------+-----+---------+-------+
| employeename | varchar(20) | YES  |     | NULL    |       |
| emp_id       | int         | YES  |     | NULL    |       |
| salary       | int         | YES  |     | NULL    |       |
| dob          | varchar(10) | YES  |     | NULL    |       |
+--------------+-------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> delect from product;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corre
mysql> delete from product;
Query OK, 4 rows affected (0.01 sec)

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