```
mysql> use java;
Database changed
mysql> create table employee(
    -> empid int primary key,
    -> name varchar(25),
    -> dept varchar(25),
    -> salary int,
    -> joindate DATE
    -> );
Query OK, 0 rows affected (0.09 sec)

mysql> desc employee;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| empid    | int         | NO   | PRI | NULL    |       |
| name     | varchar(25) | YES  |     | NULL    |       |
| dept     | varchar(25) | YES  |     | NULL    |       |
| salary   | int         | YES  |     | NULL    |       |
| joindate | date        | YES  |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
```

```
mysql> insert into employee(empid,name,dept,salary,joindate) values
    -> (1,'Bino','HR',100000,'2023-03-10'),
    -> (2,'Alwin','Manager',500000,'2023-08-04'),
    -> (3,'Siddharth','finance',20000,'2023-09-29'),
    -> (4,'Rijay','finance',50000,'2023-01-05'),
    -> (5,'Aalwin Mathew','Marketing',75000,'2023-09-27'),
    -> (6,'Eren Yeager','Developer',30000,'2023-06-16');
Query OK, 6 rows affected (0.05 sec)
Records: 6  Duplicates: 0  Warnings: 0

mysql> select * from employee;
+-------+---------------+-----------+--------+------------+
| empid | name          | dept      | salary | joindate   |
+-------+---------------+-----------+--------+------------+
|     1 | Bino          | HR        | 100000 | 2023-03-10 |
|     2 | Alwin         | Manager   | 500000 | 2023-08-04 |
|     3 | Siddharth     | finance   |  20000 | 2023-09-29 |
|     4 | Rijay         | finance   |  50000 | 2023-01-05 |
|     5 | Aalwin Mathew | Marketing |  75000 | 2023-09-27 |
|     6 | Eren Yeager   | Developer |  30000 | 2023-06-16 |
+-------+---------------+-----------+--------+------------+
```

```
mysql> select * from employee where dept = "finance";
+-------+-----------+---------+--------+------------+
| empid | name      | dept    | salary | joindate   |
+-------+-----------+---------+--------+------------+
|     3 | Siddharth | finance |  20000 | 2023-09-29 |
|     4 | Rijay     | finance |  50000 | 2023-01-05 |
+-------+-----------+---------+--------+------------+
```

```
mysql> update employee set salary=salary+1000
    -> where dept='finance';
Query OK, 2 rows affected (0.03 sec)
Rows matched: 2  Changed: 2  Warnings: 0

mysql> select * from employee;
+-------+---------------+-----------+--------+------------+
| empid | name          | dept      | salary | joindate   |
+-------+---------------+-----------+--------+------------+
|     1 | Bino          | HR        | 100000 | 2023-03-10 |
|     2 | Alwin         | Manager   | 500000 | 2023-08-04 |
|     3 | Siddharth     | finance   |  46000 | 2023-09-29 |
|     4 | Rijay         | finance   |  66000 | 2023-01-05 |
|     5 | Aalwin Mathew | Marketing |  75000 | 2023-09-27 |
|     6 | Eren Yeager   | Developer |  30000 | 2023-06-16 |
+-------+---------------+-----------+--------+------------+
```

```
mysql> rename table employee to empDetail;
Query OK, 0 rows affected (0.06 sec)

mysql> select * from empDetail;
+-------+---------------+-----------+--------+------------+
| empid | name          | dept      | salary | joindate   |
+-------+---------------+-----------+--------+------------+
|     1 | Bino          | HR        | 100000 | 2023-03-10 |
|     2 | Alwin         | Manager   | 500000 | 2023-08-04 |
|     3 | Siddharth     | finance   |  46000 | 2023-09-29 |
|     4 | Rijay         | finance   |  66000 | 2023-01-05 |
|     5 | Aalwin Mathew | Marketing |  75000 | 2023-09-27 |
|     6 | Eren Yeager   | Developer |  30000 | 2023-06-16 |
+-------+---------------+-----------+--------+------------+
```

```
mysql> ALTER TABLE empDetail
    -> RENAME COLUMN dept TO Department;
Query OK, 0 rows affected (0.05 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> select * from empDetail;
+-------+---------------+------------+--------+------------+
| empid | name          | Department | salary | joindate   |
+-------+---------------+------------+--------+------------+
|     1 | Bino          | HR         | 100000 | 2023-03-10 |
|     2 | Alwin         | Manager    | 500000 | 2023-08-04 |
|     3 | Siddharth     | finance    |  46000 | 2023-09-29 |
|     4 | Rijay         | finance    |  66000 | 2023-01-05 |
|     5 | Aalwin Mathew | Marketing  |  75000 | 2023-09-27 |
|     6 | Eren Yeager   | Developer  |  30000 | 2023-06-16 |
+-------+---------------+------------+--------+------------+
```

```
mysql> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| java               |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
5 rows in set (0.00 sec)

mysql> DROP DATABASE SYS;
Query OK, 101 rows affected (0.17 sec)
```

```
mysql> DELETE FROM empDetail
    -> WHERE empid = 6;
Query OK, 1 row affected (0.05 sec)

mysql> select * from empDetail;
+-------+---------------+------------+--------+------------+
| empid | name          | Department | salary | joindate   |
+-------+---------------+------------+--------+------------+
|     1 | Bino          | HR         | 100000 | 2023-03-10 |
|     2 | Alwin         | Manager    | 500000 | 2023-08-04 |
|     3 | Siddharth     | finance    |  46000 | 2023-09-29 |
|     4 | Rijay         | finance    |  66000 | 2023-01-05 |
|     5 | Aalwin Mathew | Marketing  |  75000 | 2023-09-27 |
+-------+---------------+------------+--------+------------+
```

```
mysql> SELECT * FROM empDetail
    -> ORDER BY salary DESC;
+-------+---------------+------------+--------+------------+
| empid | name          | Department | salary | joindate   |
+-------+---------------+------------+--------+------------+
|     2 | Alwin         | Manager    | 500000 | 2023-08-04 |
|     1 | Bino          | HR         | 100000 | 2023-03-10 |
|     5 | Aalwin Mathew | Marketing  |  75000 | 2023-09-27 |
|     4 | Rijay         | finance    |  66000 | 2023-01-05 |
|     3 | Siddharth     | finance    |  46000 | 2023-09-29 |
+-------+---------------+------------+--------+------------+
```

```
mysql> SELECT * FROM empDetail WHERE Department = "finance" AND salary<70000;
+-------+----------+------------+--------+------------+
| empid | name     | Department | salary | joindate   |
+-------+----------+------------+--------+------------+
|     3 | Siddharth | finance   |  46000 | 2023-09-29 |
|     4 | Rijay    | finance    |  66000 | 2023-01-05 |
+-------+----------+------------+--------+------------+
2 rows in set (0.00 sec)
```