Employee Name : - PravinKumar RajaSahayam
Employee Id : - 11946
MYSQL : -

Day - 2 : -


```
mysql> create database mysqlday2;
Query OK, 1 row affected (0.01 sec)

mysql> use mysqlday2;
Database changed
mysql> create table tbl_employee (eid int(5) , ename varchar(20) , esalary int(5));
Query OK, 0 rows affected, 2 warnings (0.03 sec)

mysql> show tables;
+---------------------+
| Tables_in_mysqlday2 |
+---------------------+
| tbl_employee        |
+---------------------+
1 row in set (0.00 sec)

mysql> desc tbl_employee;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| eid     | int         | YES  |     | NULL    |       |
| ename   | varchar(20) | YES  |     | NULL    |       |
| esalary | int         | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> insert into tbl_employee values(101 , 'PravinKumar' , 10000 );
Query OK, 1 row affected (0.01 sec)

mysql> insert into tbl_employee values(102 , 'RajaSahayam' , 20000 );
Query OK, 1 row affected (0.00 sec)

mysql> insert into tbl_employee values(103 , 'mysql' , 30000 );
Query OK, 1 row affected (0.00 sec)
```

```
mysql> show tables;
+---------------------+
| Tables_in_mysqlday2 |
+---------------------+
| tbl_employee        |
+---------------------+
1 row in set (0.00 sec)

mysql> select * from tbl_employee;
+------+-------------+---------+
| eid  | ename       | esalary |
+------+-------------+---------+
|  101 | PravinKumar |   10000 |
|  102 | RajaSahayam |   20000 |
|  103 | mysql       |   30000 |
+------+-------------+---------+
3 rows in set (0.00 sec)

mysql> insert into tbl_employee values (104 , NULL , 40000 );
Query OK, 1 row affected (0.01 sec)

mysql> insert into tbl_employee (eid , ename ) values (105 , 'PravinKumars' );
Query OK, 1 row affected (0.01 sec)

mysql> show tables;
+---------------------+
| Tables_in_mysqlday2 |
+---------------------+
| tbl_employee        |
+---------------------+
1 row in set (0.00 sec)

mysql> select * from tbl_employee;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |   10000 |
|  102 | RajaSahayam  |   20000 |
|  103 | mysql        |   30000 |
|  104 | NULL         |   40000 |
|  105 | PravinKumars |    NULL |
+------+--------------+---------+
5 rows in set (0.00 sec)
```

```
mysql> select eid , esalary from tbl_employee;
+------+---------+
| eid  | esalary |
+------+---------+
|  101 |   10000 |
|  102 |   20000 |
|  103 |   30000 |
|  104 |   40000 |
|  105 |    NULL |
+------+---------+
5 rows in set (0.00 sec)

mysql> select * from tbl_employee where esalary > 30000 ;
+------+-------+---------+
| eid  | ename | esalary |
+------+-------+---------+
|  104 | NULL  |   40000 |
+------+-------+---------+
1 row in set (0.00 sec)

mysql> select * from tbl_employee where esalary >= 10000;
+------+-------------+---------+
| eid  | ename       | esalary |
+------+-------------+---------+
|  101 | PravinKumar |   10000 |
|  102 | RajaSahayam |   20000 |
|  103 | mysql       |   30000 |
|  104 | NULL        |   40000 |
+------+-------------+---------+
4 rows in set (0.00 sec)

mysql> select * from tbl_employee where ename = 'Pravink=Kumar' ;
Empty set (0.00 sec)

mysql> select * from tbl_employee where ename = 'PravinKumar' ;
+------+-------------+---------+
| eid  | ename       | esalary |
+------+-------------+---------+
|  101 | PravinKumar |   10000 |
+------+-------------+---------+
1 row in set (0.00 sec)

mysql> select * from tbl_employee where ename != 'PravinKumars' ;
+------+-------------+---------+
```

```
| eid  | ename       | esalary |
+------+-------------+---------+
| 101 | PravinKumar |   10000 |
| 102 | RajaSahayam |   20000 |
| 103 | mysql       |   30000 |
+------+-------------+---------+
3 rows in set (0.00 sec)

mysql> select * from tbl_employee where ename = null ;
Empty set (0.00 sec)

mysql> select * from tbl_employee where ename is null ;
+------+-------+---------+
| eid  | ename | esalary |
+------+-------+---------+
| 104 | NULL  |   40000 |
+------+-------+---------+
1 row in set (0.00 sec)

mysql> select * from tbl_employee where ename is NULL ;
+------+-------+---------+
| eid  | ename | esalary |
+------+-------+---------+
| 104 | NULL  |   40000 |
+------+-------+---------+
1 row in set (0.00 sec)

mysql> select * from tbl_employee where ename is not NULL ;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
| 101 | PravinKumar  |   10000 |
| 102 | RajaSahayam  |   20000 |
| 103 | mysql        |   30000 |
| 105 | PravinKumars |    NULL |
+------+--------------+---------+
4 rows in set (0.00 sec)

mysql> select * from tbl_employee where ename is not null and esalary = 10000 ;
+------+-------------+---------+
| eid  | ename       | esalary |
+------+-------------+---------+
| 101 | PravinKumar |   10000 |
+------+-------------+---------+
```

1 row in set (0.00 sec)

mysql> select * from tbl_employee where ename is not null or esalary = 10000 ;

```
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |   10000 |
|  102 | RajaSahayam  |   20000 |
|  103 | mysql        |   30000 |
|  105 | PravinKumars |    NULL |
+------+--------------+---------+
```
4 rows in set (0.00 sec)

mysql> select * from tbl_employee ;

```
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |   10000 |
|  102 | RajaSahayam  |   20000 |
|  103 | mysql        |   30000 |
|  104 | NULL         |   40000 |
|  105 | PravinKumars |    NULL |
+------+--------------+---------+
```
5 rows in set (0.00 sec)

mysql> select * from tbl_employee where eid in (101 , 103 , 106) ;

```
+------+-------------+---------+
| eid  | ename       | esalary |
+------+-------------+---------+
|  101 | PravinKumar |   10000 |
|  103 | mysql       |   30000 |
+------+-------------+---------+
```
2 rows in set (0.00 sec)

mysql> select * from tbl_employee where eid not in (101 , 103 , 106) ;

```
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  102 | RajaSahayam  |   20000 |
|  104 | NULL         |   40000 |
|  105 | PravinKumars |    NULL |
+------+--------------+---------+
```
3 rows in set (0.00 sec)

```
mysql> select * from tbl_employee where esalary between 20000 and 40000 ;
+------+-------------+---------+
| eid  | ename       | esalary |
+------+-------------+---------+
|  102 | RajaSahayam |   20000 |
|  103 | mysql       |   30000 |
|  104 | NULL        |   40000 |
+------+-------------+---------+
3 rows in set (0.00 sec)

mysql> select * from tbl_employee where esalary not between 10000 and 30000 ;
+------+-------+---------+
| eid  | ename | esalary |
+------+-------+---------+
|  104 | NULL  |   40000 |
+------+-------+---------+
1 row in set (0.00 sec)

mysql> select * from tbl_employee where esalary between 40000 and 23000 ;
Empty set (0.00 sec)

mysql> select * from tbl_employee where ename like 'P%' ;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |   10000 |
|  105 | PravinKumars |    NULL |
+------+--------------+---------+
2 rows in set (0.00 sec)

mysql> select * from tbl_employee where ename like '_a%' ;
+------+-------------+---------+
| eid  | ename       | esalary |
+------+-------------+---------+
|  102 | RajaSahayam |   20000 |
+------+-------------+---------+
1 row in set (0.00 sec)

mysql> select * from tbl_employee;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |   10000 |
|  102 | RajaSahayam  |   20000 |
```

```
|  103 | mysql       |   30000 |
|  104 | NULL        |   40000 |
|  105 | PravinKumars |   NULL |
+------+--------------+---------+
5 rows in set (0.00 sec)

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

mysql> update tbl_employee set esalary = 0 ;
Query OK, 5 rows affected (0.01 sec)
Rows matched: 5  Changed: 5  Warnings: 0

mysql> show tables;
+---------------------+
| Tables_in_mysqlday2 |
+---------------------+
| tbl_employee        |
+---------------------+
1 row in set (0.00 sec)

mysql> desc tbl_employee;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| eid     | int         | YES  |     | NULL    |       |
| ename   | varchar(20) | YES  |     | NULL    |       |
| esalary | int         | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> select * from tbl_employee ;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |       0 |
|  102 | RajaSahayam  |       0 |
|  103 | mysql        |       0 |
|  104 | NULL         |       0 |
|  105 | PravinKumars |       0 |
+------+--------------+---------+
5 rows in set (0.00 sec)

mysql> rollback;
```

Query OK, 0 rows affected (0.00 sec)

mysql> select * from tbl_employee;
+------+--------------+---------+
| eid | ename | esalary |
+------+--------------+---------+
101	PravinKumar	0
102	RajaSahayam	0
103	mysql	0
104	NULL	0
105	PravinKumars	0
+------+--------------+---------+
5 rows in set (0.00 sec)

mysql> show tables;
+---------------------+
| Tables_in_mysqlday2 |
+---------------------+
| tbl_employee |
+---------------------+
1 row in set (0.00 sec)

mysql> select * from tbl_employee;
+------+--------------+---------+
| eid | ename | esalary |
+------+--------------+---------+
101	PravinKumar	0
102	RajaSahayam	0
103	mysql	0
104	NULL	0
105	PravinKumars	0
+------+--------------+---------+
5 rows in set (0.00 sec)

mysql> select @@autocommit from dual ;
+--------------+
| @@autocommit |
+--------------+
| 1 |
+--------------+
1 row in set (0.00 sec)

mysql> set autocommit = 0 ;
Query OK, 0 rows affected (0.00 sec)

```
mysql> select @@autocommit from dual ;
+--------------+
| @@autocommit |
+--------------+
|            0 |
+--------------+
1 row in set (0.00 sec)

mysql> select @@autocommit ;
+--------------+
| @@autocommit |
+--------------+
|            0 |
+--------------+
1 row in set (0.00 sec)

mysql> update tbl_employee set esalary = 1000 where eid = 101 ;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from tbl_employee;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |    1000 |
|  102 | RajaSahayam  |       0 |
|  103 | mysql        |       0 |
|  104 | NULL         |       0 |
|  105 | PravinKumars |       0 |
+------+--------------+---------+
5 rows in set (0.00 sec)

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

mysql> select * from tbl_employee ;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |       0 |
|  102 | RajaSahayam  |       0 |
|  103 | mysql        |       0 |
|  104 | NULL         |       0 |
```

```
|  105 | PravinKumars |       0 |
+------+--------------+---------+
5 rows in set (0.00 sec)

mysql> update tbl_employee set esalary = 30000;
Query OK, 5 rows affected (0.00 sec)
Rows matched: 5  Changed: 5  Warnings: 0

mysql> select * from tbl_employee ;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |   30000 |
|  102 | RajaSahayam  |   30000 |
|  103 | mysql        |   30000 |
|  104 | NULL         |   30000 |
|  105 | PravinKumars |   30000 |
+------+--------------+---------+
5 rows in set (0.00 sec)

mysql> commit;
Query OK, 0 rows affected (0.01 sec)

mysql> select * from tbl_employee ;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |   30000 |
|  102 | RajaSahayam  |   30000 |
|  103 | mysql        |   30000 |
|  104 | NULL         |   30000 |
|  105 | PravinKumars |   30000 |
+------+--------------+---------+
5 rows in set (0.00 sec)

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

mysql> select * from tbl_employee ;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |   30000 |
|  102 | RajaSahayam  |   30000 |
```

```
| 103 | mysql        |   30000 |
| 104 | NULL         |   30000 |
| 105 | PravinKumars |   30000 |
+------+--------------+---------+
5 rows in set (0.00 sec)

mysql> update tbl_employee set ename = null , esalary = 0 where eid in (101 , 103 , 106 ) ;
Query OK, 2 rows affected (0.00 sec)
Rows matched: 2  Changed: 2  Warnings: 0

mysql> select * from tbl_employee ;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
| 101 | NULL         |       0 |
| 102 | RajaSahayam  |   30000 |
| 103 | NULL         |       0 |
| 104 | NULL         |   30000 |
| 105 | PravinKumars |   30000 |
+------+--------------+---------+
5 rows in set (0.00 sec)

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

mysql> select * from tbl_employee ;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
| 101 | PravinKumar  |   30000 |
| 102 | RajaSahayam  |   30000 |
| 103 | mysql        |   30000 |
| 104 | NULL         |   30000 |
| 105 | PravinKumars |   30000 |
+------+--------------+---------+
5 rows in set (0.00 sec)

mysql>  update tbl_employee set ename = 'surya' , eid = 0001 , esalary = 1000000 ;
Query OK, 5 rows affected (0.00 sec)
Rows matched: 5  Changed: 5  Warnings: 0

mysql> show tables;                                                    Z
+--------------------+
| Tables_in_mysqlday2 |
```

```
+--------------------+
| tbl_employee       |
+--------------------+
1 row in set (0.00 sec)

mysql> desc tbl_employee;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| eid     | int         | YES  |     | NULL    |       |
| ename   | varchar(20) | YES  |     | NULL    |       |
| esalary | int         | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> select * from tbl_employee;
+------+-------+---------+
| eid  | ename | esalary |
+------+-------+---------+
|    1 | surya | 1000000 |
|    1 | surya | 1000000 |
|    1 | surya | 1000000 |
|    1 | surya | 1000000 |
|    1 | surya | 1000000 |
+------+-------+---------+
5 rows in set (0.00 sec)

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

mysql> select * from tbl_employee;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |   30000 |
|  102 | RajaSahayam  |   30000 |
|  103 | mysql        |   30000 |
|  104 | NULL         |   30000 |
|  105 | PravinKumars |   30000 |
+------+--------------+---------+
5 rows in set (0.00 sec)

mysql>
mysql> select * from tbl_employee order by eid;
```

```
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  101 | PravinKumar  |   30000 |
|  102 | RajaSahayam  |   30000 |
|  103 | mysql        |   30000 |
|  104 | NULL         |   30000 |
|  105 | PravinKumars |   30000 |
+------+--------------+---------+
5 rows in set (0.00 sec)

mysql> select * from tbl_employee order by eid desc ;
+------+--------------+---------+
| eid  | ename        | esalary |
+------+--------------+---------+
|  105 | PravinKumars |   30000 |
|  104 | NULL         |   30000 |
|  103 | mysql        |   30000 |
|  102 | RajaSahayam  |   30000 |
|  101 | PravinKumar  |   30000 |
+------+--------------+---------+
5 rows in set (0.00 sec)

mysql>

mysql> select * from tbl_employee where ename <=> null;
+------+-------+---------+
| eid  | ename | esalary |
+------+-------+---------+
|  104 | NULL  |   30000 |
+------+-------+---------+
1 row in set (0.00 sec)

mysql>
```