mysql> use e;

Database changed

mysql> desc e;

+-----------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-----------------+-------------+------+-----+---------+-------+

| eno | int | YES | | NULL | |

| ename | varchar(50) | YES | | NULL | |

| designation | varchar(50) | YES | | NULL | |

| city | varchar(50) | YES | | NULL | |

| date\_of\_joining | varchar(50) | YES | | NULL | |

| email | varchar(20) | YES | | NULL | |

| salary | int | YES | | NULL | |

| phoneno | int | YES | | NULL | |

+-----------------+-------------+------+-----+---------+-------+

8 rows in set (0.02 sec)

mysql> select\*from e;

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 82000 | 1234567890 |

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 820000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

| 108 | Neha | developer | pune | 19-1-2022 | n@gmail.com | 86100 | 1234567890 |

| 109 | Harshda | tester | pune | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

9 rows in set (0.00 sec)

mysql> select\*

-> from e

-> where ename like 's%';

+------+--------+-------------+--------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+--------+-------------+--------+-----------------+-------------+--------+------------+

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

+------+--------+-------------+--------+-----------------+-------------+--------+------------+

1 row in set (0.00 sec)

mysql> select\*

-> from e

-> where ename LIKE'%e';

Empty set (0.00 sec)

mysql> select\*

-> from e

-> where ename LIKE

-> '%a';

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 820000 | 1234567890 |

| 108 | Neha | developer | pune | 19-1-2022 | n@gmail.com | 86100 | 1234567890 |

| 109 | Harshda | tester | pune | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

6 rows in set (0.00 sec)

mysql> select\*

-> from e

-> where ename LIKE'%';

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 82000 | 1234567890 |

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 820000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

| 108 | Neha | developer | pune | 19-1-2022 | n@gmail.com | 86100 | 1234567890 |

| 109 | Harshda | tester | pune | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

9 rows in set (0.00 sec)

mysql>

mysql> select\*

-> from e

-> where ename LIKE'%or%'

-> ;

Empty set (0.00 sec)

mysql> select\*

-> from e

-> where ename LIKE'%ja%';

+------+---------+-------------+--------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+--------+-----------------+-------------+--------+------------+

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 82000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

+------+---------+-------------+--------+-----------------+-------------+--------+------------+

2 rows in set (0.00 sec)

mysql> select\*

-> from e

-> where ename LIKE'-a%';

Empty set (0.00 sec)

mysql> select\*

-> from e

-> where ename LIKE'\_a%';

+------+---------+-------------+--------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+--------+-----------------+-------------+--------+------------+

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 82000 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

| 109 | Harshda | tester | pune | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

+------+---------+-------------+--------+-----------------+-------------+--------+------------+

4 rows in set (0.00 sec)

mysql> select\*

-> from e

-> where ename LIKE 'a\_%';

+------+-------+-------------+--------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+-------+-------------+--------+-----------------+-------------+--------+------------+

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

+------+-------+-------------+--------+-----------------+-------------+--------+------------+

1 row in set (0.00 sec)

mysql> select\*

-> from e

-> where ename like's\_%';

+------+--------+-------------+--------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+--------+-------------+--------+-----------------+-------------+--------+------------+

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

+------+--------+-------------+--------+-----------------+-------------+--------+------------+

1 row in set (0.00 sec)

mysql> select\*

-> from e

-> where ename LIKE's\_l%';

Empty set (0.00 sec)

mysql> select\*

-> from e

-> where ename LIKE 's\_i';

Empty set (0.00 sec)

mysql> select\*

-> from e

-> where ename LIKE's\_l%';

Empty set (0.00 sec)

mysql> select\*from e

-> where ename LIKE'S\_i%';

Empty set (0.00 sec)

mysql> select\*from e

-> where ename LIKE's\_i%';

Empty set (0.00 sec)

mysql> where ename LIKE's\_l%';

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 'where ename LIKE's\_l%'' at line 1

mysql> select\*

-> from e

-> where ename like'k\_l';

Empty set (0.00 sec)

mysql> select\*

-> from e

-> where ename like'k\_l%';

Empty set (0.00 sec)

mysql> select\*

-> from e

-> where ename like'k%l';

+------+-------+-------------+------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+-------+-------------+------+-----------------+-------------+--------+------------+

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 82000 | 1234567890 |

+------+-------+-------------+------+-----------------+-------------+--------+------------+

1 row in set (0.00 sec)

mysql> select\*

-> from e

-> where ename LIKE '%s%';

+------+---------+-------------+--------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+--------+-----------------+-------------+--------+------------+

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

| 109 | Harshda | tester | pune | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

+------+---------+-------------+--------+-----------------+-------------+--------+------------+

2 rows in set (0.00 sec)

mysql> select\*

-> from e

-> where ename like'\_n\_i%';

Empty set (0.00 sec)

mysql> select\*

-> from e

-> where ename like'\_h\_i%';

Empty set (0.00 sec)

mysql> select\*

-> from e

-> where designation like'\_s\_t%';

Empty set (0.00 sec)

mysql> select\*

-> from e

-> where ename LIKE '\_n\_i%';

Empty set (0.00 sec)

mysql>

mysql>

mysql>

mysql>

mysql> select\*

-> from e

-> where NOT city='pune';

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 820000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

6 rows in set (0.01 sec)

mysql> select\*

-> from e

-> ORDER BY city desc;

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 82000 | 1234567890 |

| 108 | Neha | developer | pune | 19-1-2022 | n@gmail.com | 86100 | 1234567890 |

| 109 | Harshda | tester | pune | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 820000 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

9 rows in set (0.00 sec)

mysql> select\*

-> from e

-> ORDER BY ename asc;

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

| 109 | Harshda | tester | pune | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 82000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

| 108 | Neha | developer | pune | 19-1-2022 | n@gmail.com | 86100 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 820000 | 1234567890 |

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

9 rows in set (0.00 sec)

mysql>

mysql>

mysql>

mysql>

mysql>

mysql>

mysql> select\*

-> from employee

-> where eid>=104 ORDER BY eid desc;

ERROR 1146 (42S02): Table 'e.employee' doesn't exist

mysql> select\*

-> from employee

-> ;

ERROR 1146 (42S02): Table 'e.employee' doesn't exist

mysql>

mysql>

mysql> select\*

-> from e

-> where eid>=104 ORDER BY eid desc;

ERROR 1054 (42S22): Unknown column 'eid' in 'where clause'

mysql> select\*

-> from e

-> where eno>=104 ORDER BY eid desc;

ERROR 1054 (42S22): Unknown column 'eid' in 'order clause'

mysql> select\*

-> from e

-> where eno>=104 ORDER BY eno desc;

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| 109 | Harshda | tester | pune | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

| 108 | Neha | developer | pune | 19-1-2022 | n@gmail.com | 86100 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 820000 | 1234567890 |

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

6 rows in set (0.00 sec)

mysql> select\*

-> frome

-> where eid>=104 AND city like's%'ORDER BY eid;

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 'frome

where eid>=104 AND city like's%'ORDER BY eid' at line 2

mysql> select\*

-> from e

-> where eno>=104 AND city like 's%' ORDER BY eid;

ERROR 1054 (42S22): Unknown column 'eid' in 'order clause'

mysql>

mysql>

mysql> select\*

-> from e

-> where eno>=104 AND city like 's%' ORDER BY eno;

+------+---------+-------------+--------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+--------+-----------------+-------------+--------+------------+

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

+------+---------+-------------+--------+-----------------+-------------+--------+------------+

1 row in set (0.00 sec)

mysql> select\*

-> from e

-> ORDER BY city;

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 820000 | 1234567890 |

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 82000 | 1234567890 |

| 108 | Neha | developer | pune | 19-1-2022 | n@gmail.com | 86100 | 1234567890 |

| 109 | Harshda | tester | pune | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

9 rows in set (0.00 sec)

mysql> select\*from e

-> ORDER BY CITY ASC;

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 820000 | 1234567890 |

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 82000 | 1234567890 |

| 108 | Neha | developer | pune | 19-1-2022 | n@gmail.com | 86100 | 1234567890 |

| 109 | Harshda | tester | pune | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

+------+---------+-------------+----------+-----------------+-------------+--------+------------+

9 rows in set (0.00 sec)

mysql> select ename

-> from e

-> where ename LIKE 's%i'AND designation='project'and city in('sangli');

Empty set (0.00 sec)

mysql> select ename from e where ename like'A%a'AND designation='manager' an

d city in(sangli);

ERROR 1054 (42S22): Unknown column 'sangli' in 'where clause'

mysql> select ename from e where ename like'A%a'AND designation='manager' an

-> d city in('sangli');

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 'an

d city in('sangli')' at line 1

mysql> alter table e modify column ename='shubham patil'

-> where eno=105;

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 '='shubham patil'

where eno=105' at line 1

mysql> alter table e modify column ename='shubham patil'where eno=105;

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 '='shubham patil'where eno=105' at line 1

mysql>

mysql>

mysql> SELECT ename FROM e WHERE ename LIKE 'v%a' AND designation = 'cashier

' and city in('surat');

+--------+

| ename |

+--------+

| Vedika |

+--------+

1 row in set (0.00 sec)

mysql> select\*from e where (ename LIKE '%.%'AND salary BETWEEN 100000

-> AND 1200000)OR eid IN(103,104);

ERROR 1054 (42S22): Unknown column 'eid' in 'where clause'

mysql> select\*from e where (ename LIKE '%.%'AND salary BETWEEN 100000 AND 1200000)OR eno IN(103,104);

+------+--------+-------------+--------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+--------+-------------+--------+-----------------+-------------+--------+------------+

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

+------+--------+-------------+--------+-----------------+-------------+--------+------------+

2 rows in set (0.00 sec)

mysql> select ename,designation

-> from e

-> where ename like'\_r%a';

+-------+-------------+

| ename | designation |

+-------+-------------+

| Priya | CEO |

+-------+-------------+

1 row in set (0.00 sec)

mysql> select\*

-> from e

-> where ename like'vedika'ORDER BY ename desc;

+------+--------+-------------+-------+-----------------+-------------+--------+------------+

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

+------+--------+-------------+-------+-----------------+-------------+--------+------------+

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

+------+--------+-------------+-------+-----------------+-------------+--------+------------+

1 row in set (0.00 sec)