mysql> show databases;

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

| Database |

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

| arithmeticoperators |

| classwork |

| information\_schema |

| mysql |

| performance\_schema |

| sys |

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

6 rows in set (0.12 sec)

mysql> select 'Arithmetic Operators';

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

| Arithmetic Operators |

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

| Arithmetic Operators |

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

1 row in set (0.01 sec)

mysql> select 10 + 30 ;

+---------+

| 10 + 30 |

+---------+

| 40 |

+---------+

1 row in set (0.01 sec)

mysql> select 10 - 30 ;

+---------+

| 10 - 30 |

+---------+

| -20 |

+---------+

1 row in set (0.01 sec)

mysql> select 20 \* 30 ;

+---------+

| 20 \* 30 |

+---------+

| 600 |

+---------+

1 row in set (0.01 sec)

mysql> select 20 / 5 ;

+--------+

| 20 / 5 |

+--------+

| 4.0000 |

+--------+

1 row in set (0.01 sec)

mysql> select 20 % 5 ;

+--------+

| 20 % 5 |

+--------+

| 0 |

+--------+

1 row in set (0.00 sec)

mysql> use classwork;

Database changed

mysql> create table CUSTOMERS(ID int not null primary key,NAME varchar(40),AGEint , ADDRESS varchar(50),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 ', ADDRESS varchar(50),SALARY int)' at line 1

mysql> create table CUSTOMERS(ID int not null primary key,NAME varchar(40),AGE int , ADDRESS varchar(50),SALARY int);

Query OK, 0 rows affected (0.10 sec)

mysql> desc CUSTOMERS;

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

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

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

| ID | int | NO | PRI | NULL | |

| NAME | varchar(40) | YES | | NULL | |

| AGE | int | YES | | NULL | |

| ADDRESS | varchar(50) | YES | | NULL | |

| SALARY | int | YES | | NULL | |

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

5 rows in set (0.03 sec)

mysql> insert into CUSTOMERS(ID,NAME,AGE,ADDRESS,SALARY)values(1,'Ramesh',32,'Ahmedabad',2000.00);

Query OK, 1 row affected (0.03 sec)

mysql> select \*from CUSTOMERS;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 1 | Ramesh | 32 | Ahmedabad | 2000 |

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

1 row in set (0.01 sec)

mysql> insert into CUSTOMERS values(2,'Kkilan',25,'Delhi',1500),(3,'Kaushil',23','Kota',2000),(4,'Chaitali',25,'Mumbai',6500),(5,'Hardik',27,'Bhopal',8500),(6,'Komal',22,'Mp',4500),(7,'Ashu',24,'Indore',10000);

'>

'> ;

'> insert into CUSTOMERS values(2,'Kkilan',25,'Delhi',1500),(3,'Kaushil',23','Kota',2000),(4,'Chaitali',25,'Mumbai',6500),(5,'Hardik',27,'Bhopal',8500),(6,'Komal',22,'Mp',4500),(7,'Ashu',24,'Indore',10000);

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 '','Kota',2000),(4,'Chaitali',25,'Mumbai',6500),(5,'Hardik',27,'Bhopal',8500),(6,' at line 1

mysql> insert into CUSTOMERS values(2,'Khilan',25,'Delhi',1500),(3,'Kaushil',23,'Kota',2000),(4,'Chaitali',25,'Mumbai',6500),(5,'Hardik',27,'Bhopal',8500),(6,'Komal',22,'Mp',4500),(7,'Ashu',24,'Indore',10000);

Query OK, 6 rows affected (0.01 sec)

Records: 6 Duplicates: 0 Warnings: 0

mysql> select \*from CUSTOMERS;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 1 | Ramesh | 32 | Ahmedabad | 2000 |

| 2 | Khilan | 25 | Delhi | 1500 |

| 3 | Kaushil | 23 | Kota | 2000 |

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

| 6 | Komal | 22 | Mp | 4500 |

| 7 | Ashu | 24 | Indore | 10000 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMERS WHERE SALARY > 5000;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

| 7 | Ashu | 24 | Indore | 10000 |

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

3 rows in set (0.01 sec)

mysql> SELECT \* FROM CUSTOMERS WHERE SALARY = 2000;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 1 | Ramesh | 32 | Ahmedabad | 2000 |

| 3 | Kaushil | 23 | Kota | 2000 |

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

2 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMERS WHERE SALARY != 2000;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 2 | Khilan | 25 | Delhi | 1500 |

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

| 6 | Komal | 22 | Mp | 4500 |

| 7 | Ashu | 24 | Indore | 10000 |

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

5 rows in set (0.01 sec)

mysql> SELECT \* FROM CUSTOMERS WHERE SALARY <> 2000;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 2 | Khilan | 25 | Delhi | 1500 |

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

| 6 | Komal | 22 | Mp | 4500 |

| 7 | Ashu | 24 | Indore | 10000 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMERS WHERE SALARY >= 6500;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

| 7 | Ashu | 24 | Indore | 10000 |

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

3 rows in set (0.00 sec)

mysql> select 'Logical Operators';

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

| Logical Operators |

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

| Logical Operators |

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

1 row in set (0.00 sec)

mysql> select \*from CUSTOMERS;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 1 | Ramesh | 32 | Ahmedabad | 2000 |

| 2 | Khilan | 25 | Delhi | 1500 |

| 3 | Kaushil | 23 | Kota | 2000 |

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

| 6 | Komal | 22 | Mp | 4500 |

| 7 | Ashu | 24 | Indore | 10000 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMERS WHERE AGE >= 25 AND SALARY >= 6500;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

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

2 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMERS WHERE AGE >= 25 OR SALARY >= 6500;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 1 | Ramesh | 32 | Ahmedabad | 2000 |

| 2 | Khilan | 25 | Delhi | 1500 |

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

| 7 | Ashu | 24 | Indore | 10000 |

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

5 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMERS WHERE AGE IS NOT NULL;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 1 | Ramesh | 32 | Ahmedabad | 2000 |

| 2 | Khilan | 25 | Delhi | 1500 |

| 3 | Kaushil | 23 | Kota | 2000 |

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

| 6 | Komal | 22 | Mp | 4500 |

| 7 | Ashu | 24 | Indore | 10000 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMERS WHERE NAME LIKE 'Ko%';

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 6 | Komal | 22 | Mp | 4500 |

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

1 row in set (0.01 sec)

mysql> SELECT \* FROM CUSTOMERS WHERE AGE IN ( 25, 27 );

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 2 | Khilan | 25 | Delhi | 1500 |

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

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

3 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMERS WHERE AGE BETWEEN 25 AND 27;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 2 | Khilan | 25 | Delhi | 1500 |

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

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

3 rows in set (0.01 sec)

mysql> SELECT AGE FROM CUSTOMERS

-> SQL> SELECT AGE FROM CUSTOMERS

-> WHERE EXISTS (SELECT AGE FROM CUSTOMERS WHERE SALARY > 6500);

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 'SQL> SELECT AGE FROM CUSTOMERS

WHERE EXISTS (SELECT AGE FROM CUSTOMERS WHERE S' at line 2

mysql> SELECT AGE FROM CUSTOMERS

-> WHERE EXISTS (SELECT AGE FROM CUSTOMERS WHERE SALARY > 6500);

+------+

| AGE |

+------+

| 32 |

| 25 |

| 23 |

| 25 |

| 27 |

| 22 |

| 24 |

+------+

7 rows in set (0.01 sec)

mysql> SELECT \* FROM CUSTOMERS

-> WHERE AGE > ALL (SELECT AGE FROM CUSTOMERS WHERE SALARY > 6500);

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 1 | Ramesh | 32 | Ahmedabad | 2000 |

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

1 row in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMERS

-> WHERE AGE > ANY (SELECT AGE FROM CUSTOMERS WHERE SALARY > 6500);

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 1 | Ramesh | 32 | Ahmedabad | 2000 |

| 2 | Khilan | 25 | Delhi | 1500 |

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

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

4 rows in set (0.01 sec)

mysql> select 'Boolean Expressions';

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

| Boolean Expressions |

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

| Boolean Expressions |

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

1 row in set (0.00 sec)

mysql> select \*from CUSTOMERS;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 1 | Ramesh | 32 | Ahmedabad | 2000 |

| 2 | Khilan | 25 | Delhi | 1500 |

| 3 | Kaushil | 23 | Kota | 2000 |

| 4 | Chaitali | 25 | Mumbai | 6500 |

| 5 | Hardik | 27 | Bhopal | 8500 |

| 6 | Komal | 22 | Mp | 4500 |

| 7 | Ashu | 24 | Indore | 10000 |

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

7 rows in set (0.00 sec)

mysql> SELECT \* FROM CUSTOMERS WHERE SALARY = 10000;

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

| ID | NAME | AGE | ADDRESS | SALARY |

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

| 7 | Ashu | 24 | Indore | 10000 |

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

1 row in set (0.00 sec)

mysql> SELECT (15 + 6) AS ADDITION

-> SELECT (15 + 6) AS ADDITION;

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 'SELECT (15 + 6) AS ADDITION' at line 2

mysql> select 10 + 20 as 'Addition';

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

| Addition |

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

| 30 |

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

1 row in set (0.00 sec)

mysql> select 10 - 20 as 'Subtraction';

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

| Subtraction |

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

| -10 |

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

1 row in set (0.00 sec)

mysql> select 10 \* 20 as 'Multiplication';

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

| Multiplication |

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

| 200 |

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

1 row in set (0.00 sec)

mysql> SELECT COUNT(\*) AS "RECORDS" FROM CUSTOMERS;

+---------+

| RECORDS |

+---------+

| 7 |

+---------+

1 row in set (0.01 sec)

mysql> select 'Date Expressions';

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

| Date Expressions |

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

| Date Expressions |

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

1 row in set (0.00 sec)

mysql> SELECT CURRENT\_TIMESTAMP;

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

| CURRENT\_TIMESTAMP |

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

| 2025-07-24 22:04:25 |

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

1 row in set (0.01 sec)

mysql> SELECT GETDATE();;

ERROR 1305 (42000): FUNCTION classwork.GETDATE does not exist

ERROR:

No query specified

mysql> notee;