```
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',200
0.00);
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,'Chai
tali',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,'Chai
tali',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',8
500),(6,' at line 1
mysql> insert into CUSTOMERS
values(2,'Khilan',25,'Delhi',1500),(3,'Kaushil',23,'Kota',2000),(4,'Chait
ali',25,'Mumbai',6500),(5,'Hardik',27,'Bhopal',8500),(6,'Komal',22,'Mp',4
500),(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;
```