

```
mysql> INSERT INTO STUDENT (name , age , marks , gender , class ) VALUES
    -> ( ' JAGANNATH ' , 20 , 98.50 , 'M' , '12-B' ),
    -> ( ' JANGAM ' , 20 , 99.50 , 'M' , '12-A' ),
    -> ( ' ELESTER ' , 20 , 91.50 , 'F' , '12-D' ),
    -> ( ' ESHIKA ' , 20 , 79.90 , 'F' , '12-D' ),
    -> ( ' DEV KUMAR ' , 20 , 83.90 , 'M' , '12-A' ),
    -> ( ' CHIRANJIB ' , 20 , 73.90 , 'M' , '12-B' ),
    -> ( ' BIRAJ ' , 20 , 77.90 , 'M' , '12-B' ),
    -> ( ' ABHIMANYU ' , 20 , 87.90 , 'M' , '12-C' );
```

Query OK, 8 rows affected (0.06 sec)

Records: 8 Duplicates: 0 Warnings: 0

```
mysql> SELECT* FROM STUDENT;
```

student_id	name	age	marks	gender	class
1	JAGANNATH	20	98.50	M	12-B
2	JANGAM	20	99.50	M	12-A
3	ELESTER	20	91.50	F	12-D
4	ESHIKA	20	79.90	F	12-D
5	DEV KUMAR	20	83.90	M	12-A
6	CHIRANJIB	20	73.90	M	12-B
7	BIRAJ	20	77.90	M	12-B
8	ABHIMANYU	20	87.90	M	12-C

8 rows in set (0.04 sec)

```
mysql> create table STUDENT (
    -> student_id INT PRIMARY KEY AUTO_INCREMENT,
    -> name VARCHAR(90) NOT NULL,
    -> age INT CHECK (age > 0),
    -> marks DECIMAL(4,2) CHECK ( marks >=0 AND marks <=100),
    -> gender CHAR(1) CHECK (gender IN ('M' , 'F' , 'O' )),
    -> class VARCHAR(20)
    -> );
Query OK, 0 rows affected (0.17 sec)
```

```
mysql> DESC STUDENT;
```

Field	Type	Null	Key	Default	Extra
student_id	int	NO	PRI	NULL	auto_increment
name	varchar(90)	NO		NULL	
age	int	YES		NULL	
marks	decimal(4,2)	YES		NULL	
gender	char(1)	YES		NULL	
class	varchar(20)	YES		NULL	

```
6 rows in set (0.07 sec)
```

2025.09.26 10:19

```
mysql> SELECT* FROM STUDENT WHERE marks > (select avg(marks) from student);
```

student_id	name	age	marks	gender	class
1	JAGANNATH	20	98.50	M	12-B
2	JANGAM	20	99.50	M	12-A
3	ELESTER	20	91.50	F	12-D
8	ABHIMANYU	20	87.90	M	12-C

```
4 rows in set (0.02 sec)
```

```
mysql> select * from STUDENT where marks = (select max(marks) from student);
```

student_id	name	age	marks	gender	class
2	JANGAM	20	99.50	M	12-A

```
1 row in set (0.01 sec)
```

```
mysql> select *from student where marks = (select min(marks) from student);
```

student_id	name	age	marks	gender	class
6	CHIRANJIB	20	73.90	M	12-B

```
1 row in set (0.00 sec)
```

```
mysql> select * from student where marks>75 and age>=19;
```

student_id	name	age	marks	gender	class
1	JAGANNATH	20	98.50	M	12-B
2	JANGAM	20	99.50	M	12-A
3	ELESTER	20	91.50	F	12-D
4	ESHIKA	20	79.90	F	12-D
5	DEV KUMAR	20	83.90	M	12-A
7	BIRAJ	20	77.90	M	12-B
8	ABHIMANYU	20	87.90	M	12-C

```
7 rows in set (0.04 sec)
```

```
mysql> select *from student where name like 'A%' or age>=19;
```

student_id	name	age	marks	gender	class
1	JAGANNATH	20	98.50	M	12-B
2	JANGAM	20	99.50	M	12-A
3	ELESTER	20	91.50	F	12-D
4	ESHIKA	20	79.90	F	12-D
5	DEV KUMAR	20	83.90	M	12-A
6	CHIRANJIB	20	73.90	M	12-B
7	BIRAJ	20	77.90	M	12-B
8	ABHIMANYU	20	87.90	M	12-C

```
8 rows in set (0.04 sec)
```

2025.09.26 10:49

```
mysql> select * from student where name like 'A%' or age>19;
+-----+-----+-----+-----+-----+-----+
| student_id | name | age | marks | gender | class |
+-----+-----+-----+-----+-----+-----+
| 1 | JAGANNATH | 20 | 98.50 | M | 12-B |
| 2 | JANGAM | 20 | 99.50 | M | 12-A |
| 3 | ELESTER | 20 | 91.50 | F | 12-D |
| 4 | ESHIKA | 20 | 79.90 | F | 12-D |
| 5 | DEV KUMAR | 20 | 83.90 | M | 12-A |
| 6 | CHIRANJIB | 20 | 73.90 | M | 12-B |
| 7 | BIRAJ | 20 | 77.90 | M | 12-B |
| 8 | ABHIMANYU | 20 | 87.90 | M | 12-C |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)
```