

MySQL 8.0 Command Line Client

Enter password: *****

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 23

Server version: 8.0.32 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> CREATE DATABASE student;

ERROR 1007 (HY000): Can't create database 'student'; database exists

mysql> USE student;

Database changed

mysql> DESCRIBE student;

Field	Type	Null	Key	Default	Extra
RegNo	int	NO	PRI	NULL	
Name	varchar(255)	YES		NULL	
Gender	varchar(10)	YES		NULL	
MobileNo	varchar(15)	YES		NULL	
CourseID	int	YES		NULL	

5 rows in set (0.00 sec)

mysql> SELECT *from student;

RegNo	Name	Gender	MobileNo	CourseID
101	John	Male	1234567890	1
102	Jane	Female	9876543210	2
103	Bob	Male	5555555555	1
104	Alice	Female	1111111111	3
105	Charlie	Male	9999999999	2

5 rows in set (0.00 sec)

mysql> SELECT c.Description AS CourseDescription, COUNT(s.RegNo) AS NumOfStudents

-> FROM student s

-> JOIN course c ON s.CourseID = c.CourseID

-> GROUP BY c.Description;

ERROR 1146 (42S02): Table 'student.course' doesn't exist

mysql> SELECT Name, COUNT(CourseID) AS NumOfCoursesRegistered

-> FROM student

-> GROUP BY Name;

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Type here to search



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Name	NumOfCoursesRegistered
John	1
Jane	1
Bob	1
Alice	1
Charlie	1

5 rows in set (0.00 sec)

```
mysql> SELECT Name, Gender, MobileNo
-> FROM student
-> ORDER BY RegNo ASC;
```

Name	Gender	MobileNo
John	Male	1234567890
Jane	Female	9876543210
Bob	Male	5555555555
Alice	Female	1111111111
Charlie	Male	9999999999

5 rows in set (0.00 sec)

```
mysql> SELECT Name, gender
-> FROM student
-> ORDER BY regNo DESC;
```

Name	gender
Charlie	Male
Alice	Female
Bob	Male
Jane	Female
John	Male

5 rows in set (0.00 sec)

```
mysql> _
```

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