

```
mca@localhost:~  
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mca@localhost:~ x mca@localhost:~ x mca@localhost:~ Open application menu  
[mca@localhost ~]$ mysql 23mca02  
Enter password:  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 50  
Server version: 8.0.26 Source distribution  
  
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Oracle is a registered trademark of Oracle Corporation and/or its  
affiliates. Other names may be trademarks of their respective  
owners.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
  
mysql> use 23mca02  
Reading table information for completion of table and column names  
You can turn off this feature to get a quicker startup with -A  
  
Database changed  
mysql> show table;  
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 '' at line 1  
mysql> show tables;  
+-----+  
| Tables_in_23mca02 |  
+-----+  
| student           |  
+-----+  
1 row in set (0.01 sec)  
  
mysql> drop table student;  
Query OK, 0 rows affected (0.15 sec)
```

```
mysql> drop table student;
Query OK, 0 rows affected (0.15 sec)

mysql> create table dept(dno int primary key,dname varchar(20) not null unique);
Query OK, 0 rows affected (0.26 sec)

mysql> desc dept
->

^C
mysql> desc dept;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key  | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| dno   | int           | NO   | PRI  | NULL    |       |
| dname | varchar(20)   | NO   | UNI  | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> create table student(Poll no int primary key name varchar(20) age int dno int check ages>20 and ages<mysql> create table student(Poll no int prim
```

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DBMS

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Welcome to CentOS

akshaya2248/DBMS

+

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```
mysql>
mysql> create table student(Rollno int primary key,name varchar(20),age int,dno int,constraint student_check_age check (age>20 and age<30),constraint student_fk_dno foreign key (dno) references dept (dno));
Query OK, 0 rows affected (0.31 sec)

mysql> desc student;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Rollno | int           | NO   | PRI | NULL    |       |
| name   | varchar(20)   | YES  |     | NULL    |       |
| age    | int           | YES  |     | NULL    |       |
| dno    | int           | YES  | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)

mysql> alter table student add column address varchar(30);
Query OK, 0 rows affected (0.15 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc student;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Rollno | int           | NO   | PRI | NULL    |       |
| name   | varchar(20)   | YES  |     | NULL    |       |
| age    | int           | YES  |     | NULL    |       |
| dno    | int           | YES  | MUL | NULL    |       |
| address | varchar(30)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.01 sec)

mysql>
```