

```
mca@localhost:~  
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mca@localhost:~ x mca@localhost:~ x mca@localhost:~ x  
[mca@localhost ~]$ mysql 23mca02  
Enter password:  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 153  
Server version: 8.0.26 Source distribution  
  
Copyright (c) 2000, 2021, Oracle and/or its affiliates.  
  
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> 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)
```

Screenshot from 2024-03-04 12-39-35.pdf

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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> insert into dept values(2,'mca');

Query OK, 1 row affected (0.05 sec)

mysql> insert into dept values(3,'mba');

Query OK, 1 row affected (0.03 sec)

mysql> insert into dept values(4,'eee');

Query OK, 1 row affected (0.04 sec)

mysql> insert into dept values(5,'cse');

> insert into dept values(5,'cse');

>

^C

mysql> insert into dept values(5,'cse');

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^C  
mysql> select * from dept;  
+-----+-----+  
| dno | dname |  
+-----+-----+  
| 5 | cse |  
| 4 | eee |  
| 3 | mba |  
| 2 | mca |  
+-----+-----+  
4 rows in set (0.01 sec)  
  
mysql> insert into student values (1,'anu',23,2,'kuttippuram');  
Query OK, 1 row affected (0.04 sec)  
  
mysql> insert into student values (2,'anupama',23,4,'kuttippuram');  
Query OK, 1 row affected (0.09 sec)  
  
mysql> insert into student values (3,'arjun',26,5,'kuttippuram');  
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 '26,5,'kuttippuram')' at line 1  
mysql> insert into student values (3,'arjun',26,5,'kuttippuram');  
Query OK, 1 row affected (0.04 sec)  
  
mysql> insert into student values (5,'arun',27,3,'kuttippuram');  
Query OK, 1 row affected (0.05 sec)  
  
mysql> insert into student values (5,'arun',28,3,'kuttippuram');  
ERROR 1062 (23000): Duplicate entry '5' for key 'student.PRIMARY'  
mysql> insert into student values (4,'appu',28,2,'kuttippuram');  
Query OK, 1 row affected (0.04 sec)  
  
mysql> select * from student;
```

Activities Terminal Mar 4 12:49

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https://github.com/akshaya2248/DBMS

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Command palette

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```
mysql> insert into student values (5,'arun',28,3,'kuttippuram');
ERROR 1062 (23000): Duplicate entry '5' for key 'student.PRIMARY'
mysql> insert into student values (4,'appu',28,2,'kuttippuram');
Query OK, 1 row affected (0.04 sec)

mysql> select * from student;
+-----+-----+-----+-----+-----+
| Rollno | name   | age  | dno  | address |
+-----+-----+-----+-----+-----+
| 1      | anu    | 23   | 2    | kuttippuram |
| 2      | anupama | 23   | 4    | kuttippuram |
| 3      | arjun  | 26   | 5    | kuttippuram |
| 4      | appu   | 28   | 2    | kuttippuram |
| 5      | arun   | 27   | 3    | kuttippuram |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> insert into student values (6,'appu',38,2,'kuttippuram');
ERROR 3819 (HY000): Check constraint 'student_check_age' is violated.
mysql>
```