

Enter password: *****

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

Your MySQL connection id is 62

Server version: 8.0.21 MySQL Community Server - GPL

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

```
mysql> show databases;
```

```
+-----+
| Database      |
+-----+
| information_schema |
| labwork_db      |
| mysql          |
| performance_schema |
| shilpa_db       |
| sys            |
+-----+
```

6 rows in set (0.00 sec)

```
mysql> USE labwork_db;
```

Database changed

```
mysql> CREATE TABLE STUDENT(SNO INTEGER NOT NULL,NAME CHAR(20) NOT NULL,MARKS FLOAT
NOT NULL,DEPT CHAR(20) NOT NULL);
```

Query OK, 0 rows affected (0.07 sec)

```
mysql> DESC STUDENT;
```

```
+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+
| SNO   | int    | NO   |     | NULL    |       |
| NAME  | char(20)| NO   |     | NULL    |       |
| MARKS | float  | NO   |     | NULL    |       |
| DEPT  | char(20)| NO   |     | NULL    |       |
+-----+-----+-----+-----+
```

```
4 rows in set (0.01 sec)
```

```
mysql> ALTER TABLE STUDENT ADD AGE INTEGER NOT NULL;
```

```
Query OK, 0 rows affected (0.03 sec)
```

```
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> DESC STUDENT;
```

```
+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+
| SNO   | int    | NO   |     | NULL    |       |
| NAME  | char(20)| NO   |     | NULL    |       |
| MARKS | float  | NO   |     | NULL    |       |
| DEPT  | char(20)| NO   |     | NULL    |       |
| AGE   | int    | NO   |     | NULL    |       |
+-----+-----+-----+-----+
```

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

```
mysql> ALTER TABLE table_name
```

```
-> \C;
```

mysql: Character set ';' is not a compiled character set and is not specified in the 'C:\Program Files\MySQL\MySQL Server 8.0\share\charsets\Index.xml' file

Charset is not found

-> \c

mysql> ALTER TABLE STUDENT MODIFY COLUMN DEPT CHAR(15);

Query OK, 0 rows affected (0.13 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> DESC STUDENT;

Field	Type	Null	Key	Default	Extra
SNO	int	NO		NULL	
NAME	char(20)	NO		NULL	
MARKS	float	NO		NULL	
DEPT	char(15)	YES		NULL	
AGE	int	NO		NULL	

5 rows in set (0.01 sec)

mysql> ALTER TABLE STUDENT MODIFY COLUMN DEPT CHAR (15) NOT NULL;

Query OK, 0 rows affected (0.12 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> ALTER TABLE STUDENT DROP COLUMN MARKS;

Query OK, 0 rows affected (0.08 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> DESC STUDENT

-> DESC STUDENT;

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 'DESC STUDENT' at line 2

```
mysql> DESC STUDENT;
```

```
+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+
| SNO   | int    | NO   |     | NULL    |       |
| NAME  | char(20)| NO   |     | NULL    |       |
| DEPT  | char(15)| NO   |     | NULL    |       |
| AGE   | int    | NO   |     | NULL    |       |
+-----+-----+-----+-----+
```

```
4 rows in set (0.00 sec)
```

```
mysql> ALTER TABLE STUDENT RENAME TO STUDENTS;
```

```
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> DESC STUDENTS;
```

```
+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+
| SNO   | int    | NO   |     | NULL    |       |
| NAME  | char(20)| NO   |     | NULL    |       |
| DEPT  | char(15)| NO   |     | NULL    |       |
| AGE   | int    | NO   |     | NULL    |       |
+-----+-----+-----+-----+
```

```
4 rows in set (0.01 sec)
```

```
mysql> INSERT INTO STUDENTS VALUES(55,'SHILPA','CSE',20);
```

```
Query OK, 1 row affected (0.01 sec)
```

```
mysql> SELECT * FROM STUDENTS;
```

```
+-----+-----+-----+
| SNO | NAME  | DEPT | AGE |
+-----+-----+-----+
```

```
+-----+-----+-----+-----+
| 55 | SHILPA | CSE | 20 |
+-----+-----+-----+-----+
```

1 row in set (0.00 sec)

```
mysql> TRUNCATE STUDENTS;
```

Query OK, 0 rows affected (0.08 sec)

```
mysql> DROP TABLE STUDENTS;
```

Query OK, 0 rows affected (0.05 sec)

```
mysql>
```