

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 | |

```
sql> 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 | |

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

```
sql> ALTER TABLE STUDENT ADD AGE INTEGER NOT NULL;  
Query OK, 0 rows affected (0.03 sec)  
Records: 0 Duplicates: 0 Warnings: 0
```

```
sql> 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 | |

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

```
sql> 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
```

```
Character set 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 | |

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

rows in set (0.01 sec)

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

Very OK, 0 rows affected (0.12 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql> ALTER TABLE STUDENT DROP COLUMN MARKS;
```

Very 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 | |

rows in set (0.00 sec)

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

Very 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 | |

rows in set (0.01 sec)

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

Very OK, 1 row affected (0.01 sec)

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

| SNO | NAME | DEPT | AGE |
|-----|--------|------|-----|
| 55 | SHILPA | CSE | 20 |

row in set (0.00 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>
```