

```
students table* SQL File 3* SQL File 4*
1
2 • CREATE DATABASE School;
3 • USE School;
4 • CREATE TABLE STUDENT (
5     Roll_No INT PRIMARY KEY,
6     Name VARCHAR(100),
7     Marks INT,
8     Grade CHAR(1));
9 • INSERT INTO STUDENT (Roll_No, Name, Marks, Grade) VALUES
10 (1, 'Alice', 85, 'A'),
11 (2, 'Bob', 76, 'B'),
12 (3, 'Charlie', 90, 'A'),
13 (4, 'David', 65, 'C');
14 • SELECT * FROM STUDENT;
15 • ALTER TABLE STUDENT ADD Contact VARCHAR(15);
16 • ALTER TABLE STUDENT DROP COLUMN Grade;
17 • RENAME TABLE STUDENT TO CLASSTEN;
18
```

Output

| # | Time | Action | Message | Duration / Fetch |
|---|----------|--|--|-----------------------|
| 2 | 19:56:18 | USE School | 0 row(s) affected | 0.000 sec |
| 3 | 19:57:30 | CREATE TABLE STUDENT (Roll_No INT PRIMARY KEY, Name VARCHAR(100), Marks INT, Grad... | 0 row(s) affected | 0.031 sec |
| 4 | 19:59:34 | INSERT INTO STUDENT (Roll_No, Name, Marks, Grade) VALUES (1, 'Alice', 85, 'A'), (2, 'Bob', 76, 'B'), (3, 'Cha... | 4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0 | 0.016 sec |
| 5 | 20:00:40 | SELECT * FROM STUDENT LIMIT 0, 1000 | 4 row(s) returned | 0.000 sec / 0.000 sec |
| 6 | 20:01:35 | ALTER TABLE STUDENT ADD Contact VARCHAR(15) | 0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0 | 0.031 sec |
| 7 | 20:03:02 | RENAME TABLE STUDENT TO CLASSTEN | 0 row(s) affected | 0.016 sec |

students table* SQL File 4* SQL File 5* SQL File 6*

```
8     Grade CHAR(1));
9 • INSERT INTO STUDENT (Roll_No, Name, Marks, Grade) VALUES
10 (1, 'Alice', 85, 'A'),
11 (2, 'Bob', 76, 'B'),
12 (3, 'Charlie', 90, 'A'),
13 (4, 'David', 65, 'C');
14 • SELECT * FROM STUDENT;
```

Result Grid

| Roll_No | Name | Marks | Grade |
|---------|---------|-------|-------|
| 1 | Alice | 85 | A |
| 2 | Bob | 76 | B |
| 3 | Charlie | 90 | A |
| 4 | David | 65 | C |

STUDENT 1 x

Output

| # | Time | Action | Message | Duration / Fetch |
|---|----------|--|--|-----------------------|
| 1 | 19:55:37 | CREATE DATABASE School | 1 row(s) affected | 0.000 sec |
| 2 | 19:56:18 | USE School | 0 row(s) affected | 0.000 sec |
| 3 | 19:57:30 | CREATE TABLE STUDENT (Roll_No INT PRIMARY KEY, Name VARCHAR(100), Marks INT, Grade ... | 0 row(s) affected | 0.031 sec |
| 4 | 19:59:34 | INSERT INTO STUDENT (Roll_No, Name, Marks, Grade) VALUES (1, 'Alice', 85, 'A'), (2, 'Bob', 76, 'B'), (3, 'Charl... | 4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0 | 0.016 sec |
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Output

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MySQL Workbench interface showing the same SQL commands in the SQL File 4 editor. The left sidebar shows the database structure with 'School' selected. The bottom status bar shows 'Object selected'.

Output

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|---|----------|------------------------|-------------------|------------------|
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| 2 | 19:56:18 | USE School | 0 row(s) affected | 0.000 sec |

Summary

The commands above create a database, create a table, insert data, modify the table structure, rename it, truncate it, and finally drop it. Each command fulfills the DDL requirement as specified.