

TASK – 2

Create a database named School and perform all the DDL commands(CREATE, ALTER, DROP, RENAME, TRUNCATE) for the table named STUDENT with fields:

- Roll.No
- Name
- Marks
- Grade

The screenshot displays the SQL Enterprise Manager interface. On the left, the 'SCHEMAS' pane shows a tree view with 'school' expanded under 'Tables', showing the 'student' table. The 'student' table's columns are listed as 'Roll_No' (int PK), 'Name' (varchar(40)), 'Marks' (int), and 'Grade' (varchar(20)).

The main query editor shows the following SQL commands:

```
1  -----TASK 2-----
2
3  CREATE DATABASE school;
4  USE school;
5  CREATE TABLE student (
6  Roll_No INT PRIMARY KEY,
7  Name VARCHAR (40),
8  Marks INT(10),
9  Grade VARCHAR(20)
10 );
11
12 SELECT * FROM student ;
```

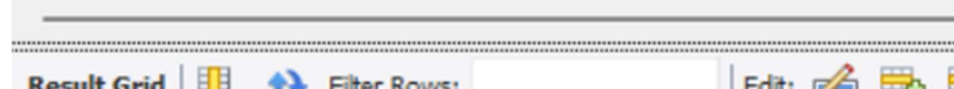
Below the query editor, the 'Result Grid' shows a table with four columns: 'Roll_No', 'Name', 'Marks', and 'Grade'. The data is currently empty, with 'NULL' values shown in the cells.

The 'Output' pane at the bottom shows the 'Action Output' for the executed commands:

#	Time	Action
1	18:40:56	CREATE DATABASE school
2	18:41:02	USE school
3	18:41:09	CREATE TABLE student (Roll_No INT PRIMARY KEY, Name VARCHAR (40), Marks INT(10), Grade VARCH...
4	18:41:18	SELECT * FROM student LIMIT 0, 1000

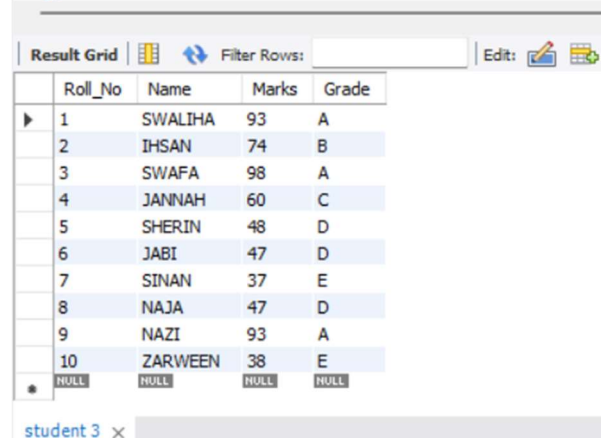
a) INSERT 10 ROWS INTO THE TABLE USING INSERT INTO

```
15
16 • INSERT INTO student VALUES
17     (1,"SWALIHA",93,"A"),
18     (2,"IHSAN",74,"B"),
19     (3,"SWAFA",98,"A"),
20     (4,"JANNAH",60,"C"),
21     (5,"SHERIN",48,"D"),
22     (6,"JABI",47,"D"),
23     (7,"SINAN",37,"E"),
24     (8,"NAJA",47,"D"),
25     (9,"NAZI",93,"A"),
26     (10,"ZARWEEN",38,"E");
27
```



(b) USE THE SELECT COMMAND TO DISPLAY THE TABLE.

```
28
29 • SELECT * FROM student;
30
--
```



	Roll_No	Name	Marks	Grade
▶	1	SWALIHA	93	A
	2	IHSAN	74	B
	3	SWAFA	98	A
	4	JANNAH	60	C
	5	SHERIN	48	D
	6	JABI	47	D
	7	SINAN	37	E
	8	NAJA	47	D
	9	NAZI	93	A
	10	ZARWEEN	38	E
•	NULL	NULL	NULL	NULL

student 3 ×

(c) ADD A COLUMN NAMED Contact TO THE STUDENT TABLE.

```
31
32 • ALTER TABLE student ADD Contact BIGINT;
33
--
```

Result Grid | Filter Rows: | Edit: | Expo

	Roll_No	Name	Marks	Grade	Contact
▶	1	SWALIHA	93	A	NULL
	2	IHSAN	74	B	NULL
	3	SWAFA	98	A	NULL
	4	JANNAH	60	C	NULL
	5	SHERIN	48	D	NULL
	6	JABI	47	D	NULL
	7	SINAN	37	E	NULL
	8	NAJA	47	D	NULL
	9	NAZI	93	A	NULL
	10	ZARWEEN	38	E	NULL
•	NULL	NULL	NULL	NULL	NULL

student 4 ▼

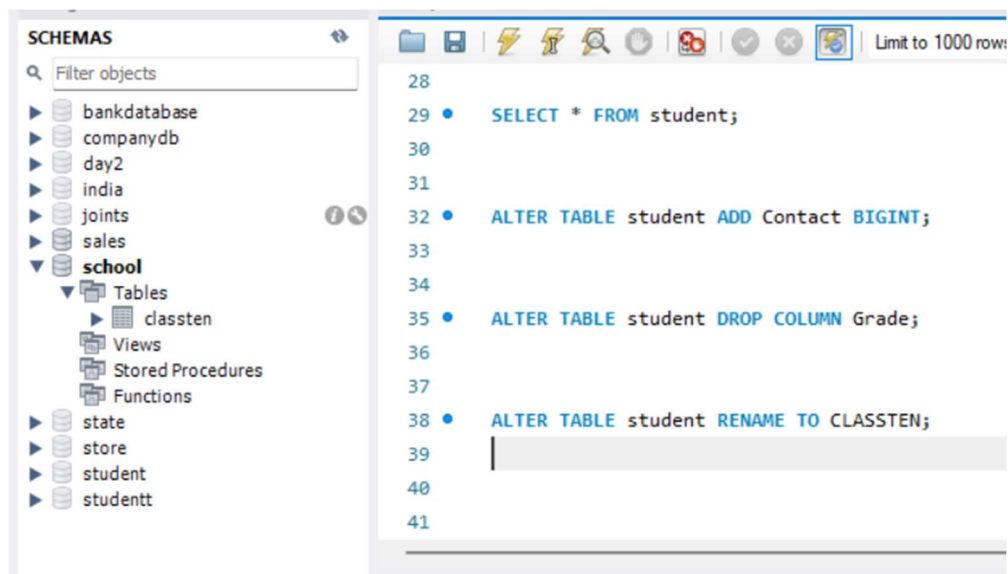
(d) REMOVE THE Grade COLUMN FROM THE Student TABLE.

```
--
35 • ALTER TABLE student DROP COLUMN Grade;
36
--
```

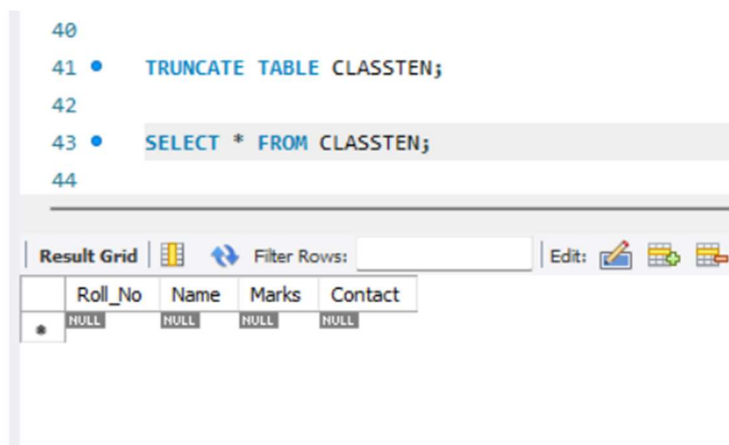
Result Grid | Filter Rows: | Edit: |

	Roll_No	Name	Marks	Contact
▶	1	SWALIHA	93	NULL
	2	IHSAN	74	NULL
	3	SWAFA	98	NULL
	4	JANNAH	60	NULL
	5	SHERIN	48	NULL
	6	JABI	47	NULL
	7	SINAN	37	NULL
	8	NAJA	47	NULL
	9	NAZI	93	NULL
	10	ZARWEEN	38	NULL
•	NULL	NULL	NULL	NULL

(e) RENAME THE TABLE TO CLASSTEN.



(f) DELETE ALL ROWS FROM THE TABLES



(g) REMOVE THE TABLE FROM THE DATABASE

SCHEMAS

Filter objects

- bankdatabase
- companydb
- day2
- india
- joints
- sales
- school**
 - Tables
 - Views
 - Stored Procedures
 - Functions
- state
- store
- student
- studentt

Administration Schemas

Information

No object selected

Object Info Session

Limit to 1000 rows

40

41 • DROP TABLE CLASSTEN;

42

43

44

45

46

47

48

49

50

51

52

53

Output

Action Output

#	Time	Action
✓ 5	18:46:57	SELECT * FROM student LIMIT 0, 1000
✓ 6	18:47:02	INSERT INTO student VALUES (1,"SWALIHA",93,"A"), (2,"IHSAN",7
✓ 7	18:47:05	SELECT * FROM student LIMIT 0, 1000
✓ 8	18:49:23	ALTER TABLE student ADD Contact BIGINT
✓ 9	18:49:26	SELECT * FROM student LIMIT 0, 1000
✓ 10	18:50:13	ALTER TABLE student DROP COLUMN Grade
✓ 11	18:50:17	SELECT * FROM student LIMIT 0, 1000
✓ 12	18:51:38	ALTER TABLE student RENAME TO CLASSTEN
✗ 13	18:51:43	SELECT * FROM student LIMIT 0, 1000
✓ 14	18:54:11	TRUNCATE TABLE CLASSTEN
✓ 15	18:55:06	SELECT * FROM CLASSTEN LIMIT 0, 1000
✓ 16	18:55:42	DROP TABLE CLASSTEN