

BHARATIYA VIDYA BHAVAN'S

SARDAR PATEL INSTITUTE OF TECHNOLOGY

Munshi nagar, Andheri (W) ,Mumbai - 400058
DEPARTMENT OF MASTER OF COMPUTER APPLICATION

CLASS: F.Y. MCA SEM: I

COURSE CODE: MC504 SUBJECT NAME: DATABASE MANAGEMENT SYSTEM LAB

ROLL NO. : <u>2022510034</u> BATCH: <u>B</u>

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EXPERIMENT NO: 03

EXPERIMENT TITLE: To study Data Definition Language and Data Manipulation Language statements

DDL commands

- CREATE Command.
- DROP Command.
- ALTER Command.
- TRUNCATE Command.
- RENAME Command.

DML Commands

- INSERT
- UPDATE
- DELETE

1. Create Command:

The CREATE TABLE statement is used to create a new table in a database.

Syntax:

```
CREATE TABLE table_name (
          column1 datatype,
          column2 datatype,
          column3 datatype,
          ....
);
```

2. Insert Command:-

The INSERT INTO statement is used to insert new records in a table.

Syntax:

```
INSERT INTO table_name
VALUES (value1, value2, value3, ...);
```

3. Alter Command:-

The ALTER TABLE statement is used to add, delete, or modify columns in an existing table. It is also used to add and drop various constraints on an existing table.

Syntax:

```
ALTER TABLE table_name [ADD/DROP/MODIFY] column name datatype;
```

4. Update Command:-

The UPDATE statement is used to modify the existing records in a table.

Syntax:

```
UPDATE table_name
SET column1 = value1, column2 = value2, ...
WHERE condition;
```

5. Delete Command:-

The DELETE statement is used to delete existing records in a table.

Syntax:

```
DELETE FROM table name WHERE condition;
```

6. Truncate Command:-

The TRUNCATE statement is used to delete the data inside a table, but not the table itself.

Syntax:

```
TRUNCATE TABLE table name;
```

7. Rename Command:-

The RENAME statement is used to rename the existing table in the database.

Syntax:

```
RENAME old table TO new table;
```

8. Drop Command:-

The DROP TABLE statement is used to drop an existing table in a database.

Syntax:

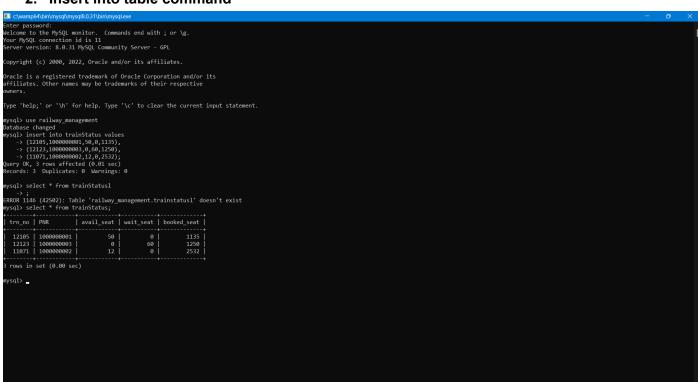
DROP TABLE table_name;

Command Outputs:-

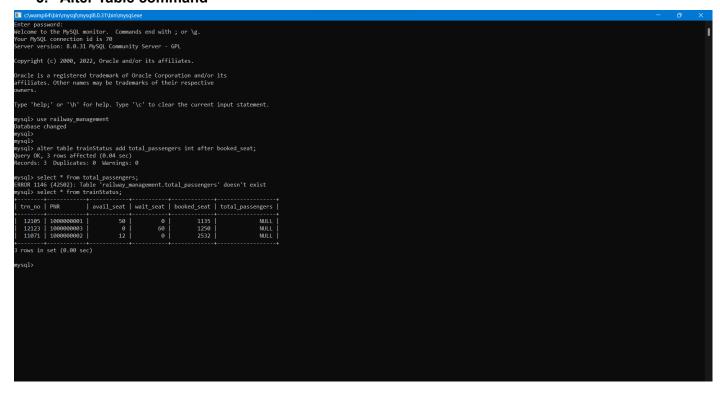
1. Create table command

```
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```

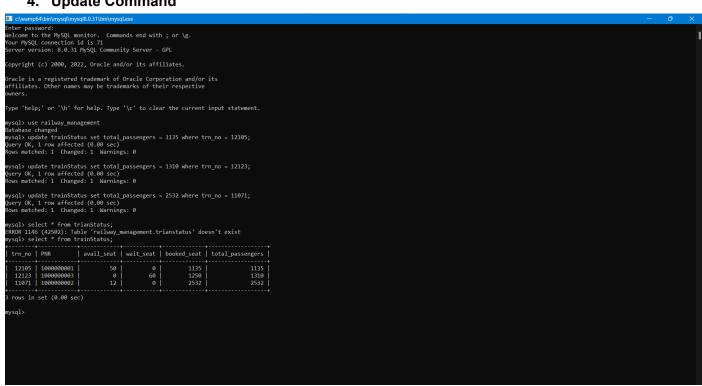
2. Insert into table command



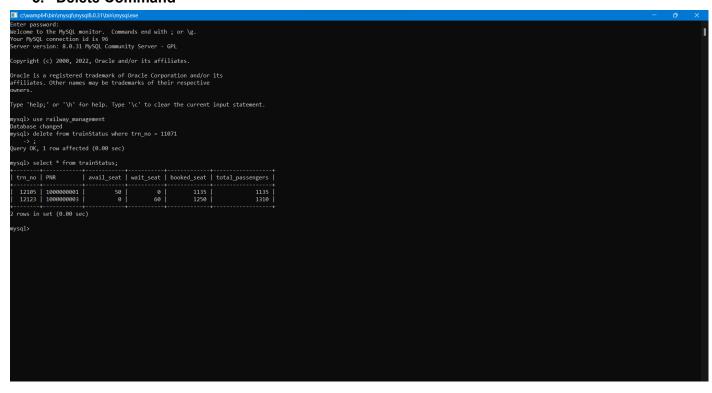
3. Alter Table command



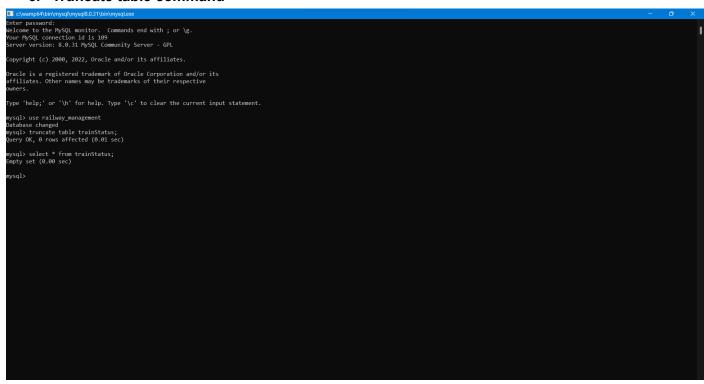
4. Update Command



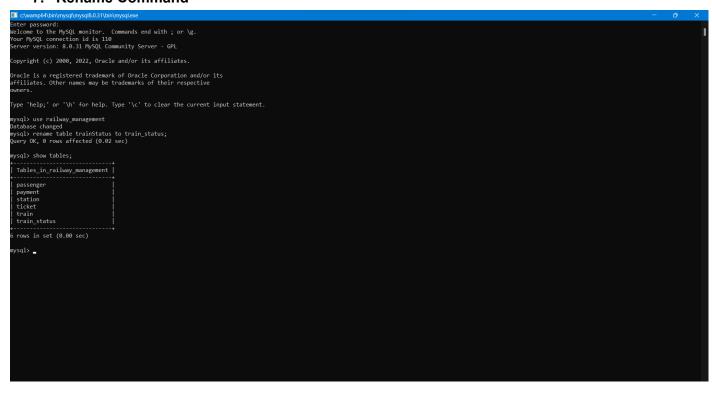
5. Delete Command



6. Truncate table command



7. Rename Command



8. Drop table command

