2.

1) CREATE TABLE stud (

Rollno INT PRIMARY KEY,

Studname VARCHAR(50),

Percentage DECIMAL(5,2),

CONSTRAINT chk\_percentage CHECK (Percentage <= 100)

);

2) ALTER TABLE stud

ADD City VARCHAR(100);

3) ALTER TABLE stud

MODIFY Studname VARCHAR(60);

4) Feature DROP TRUNCATE

Purpose Removes the table (structure + data) Removes only the data, keeps the structure

Data Removal Entire table (structure + data) All rows (data)

Transaction Log Fully logged Minimally logged

Impact on Dependencies Removes dependencies (foreign keys, indexes, etc.) Retains dependencies (foreign keys)

Rollback Cannot be rolled back after commit Can be rolled back if in a transaction

Performance Slower Faster

Foreign Key Constraints Fails if foreign key exists May fail if foreign key exists

Use Case Removing a table or object completely Removing data but retaining table structure