TASK ON SQL

***SCENARIO***--: 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 Create data on your own based on the given columns (1) Use the select command to display the table. (2) Add a column named Contact to the STUDENT table. (3) Remove the Grade column from the Student table. (4) Rename the table to CLASSTEN. (5) Delete all rows from the table. (6) Remove the table from the database.

#-- *Creating a database*

CREATE DATABASE School;

#--*Using this database*

USE School;

#--*Creating table*

CREATE TABLE Student (

Roll\_no INT PRIMARY KEY,

Name VARCHAR (30),

Marks INT,

Grade CHAR(1)

);

*#-- Inserting data into the table*

INSERT INTO STUDENT (Roll\_No, Name, Marks, Grade)

VALUES

(1, 'Aarav Sharma', 78, 'B'),

(2, 'Diya Patel', 85, 'A'),

(3, 'Ishaan Mehta', 67, 'C'),

(4, 'Ananya Iyer', 92, 'A'),

(5, 'Krishna Joshi', 59, 'D'),

(6, 'Sneha Rao', 74, 'B'),

(7, 'Arjun Reddy', 88, 'A'),

(8, 'Riya Shah', 81, 'B'),

(9, 'Vikram Singh', 65, 'C'),

(10, 'Sanjana Kapoor', 90, 'A'),

(11, 'Neha Gupta', 77, 'B'),

(12, 'Rahul Verma', 83, 'A'),

(13, 'Priya Nair', 69, 'C'),

(14, 'Aditya Kulkarni', 95, 'A'),

(15, 'Kavya Menon', 72, 'B'),

(16, 'Rajesh Yadav', 66, 'C'),

(17, 'Manish Saxena', 58, 'D'),

(18, 'Meera Desai', 91, 'A'),

(19, 'Suresh Pillai', 76, 'B'),

(20, 'Leela Bhatia', 87, 'A');

#--*Using SELECT command to display the table*

SELECT \* from STUDENT;

#--*Using ALTER command to and Adding new column*

ALTER TABLE STUDENT

ADD Contact VARCHAR(15);

#--*Using ALTER command to Drop a column*

ALTER TABLE STUDENT

DROP COLUMN Grade;

#--*Renaming the table STUDENT to CLASSTEN*

ALTER TABLE STUDENT

RENAME TO CLASSTEN;

#--*Deleting all rows from the table*

TRUNCATE TABLE CLASSTEN;

#--*Removing the table from database*

DROP TABLE CLASSTEN;