-- CREATING DATABASE

CREATE DATABASE GUNJAL;

-- INTO DATABASE GUNJAL

USE GUNJAL;

-- CREATING NEW TABLE PERSONS

CREATE TABLE PERSONS

(

PERSONID INT,

FIRSTNAME VARCHAR(255),

LASTNAME VARCHAR(255),

ADDRESS VARCHAR(255),

CITY VARCHAR(255)

);

SELECT \* FROM PERSONS;

-- INSERTING INTO PERSONS

INSERT INTO PERSONS

--(PERSONID, FIRSTNAME, LASTNAME, ADDRESS, CITY)

VALUES (1, 'VIRAT', 'KOHLI', 'AAA', 'DELHI'), (2, 'ROHIT', 'SHARMA', 'BBB', 'MUMBAI'), (3,'KL','RAHUL','CCC','GOA');

SELECT \* FROM PERSONS;

-- ALTERTING TABLE PERSONS USING ADD/DROP

ALTER TABLE PERSONS

ADD IPL VARCHAR(255);

SELECT \* FROM PERSONS;

-- ADDED COLUMN MIDDLENAME BY PARAG -> TOOLS -> DESIGNER-> TABLES-> DBO.PERSONS -> DESIGN -> INSERT COLUMN

SELECT \* FROM PERSONS;

ALTER TABLE PERSONS

DROP COLUMN GENDER;

SELECT \* FROM PERSONS;

-- SELECTING SPECIFIC COLUMNS

SELECT CITY FROM PERSONS;

SELECT \* FROM PERSONS WHERE CITY = 'GOA';

SELECT FIRSTNAME, LASTNAME FROM PERSONS WHERE PERSONID =3;

-- UPDATING TABLE

UPDATE PERSONS SET CITY = 'PUNE';

SELECT \* FROM PERSONS;

CREATE TABLE SPARK

(

PERSONID INT,

FIRSTNAME VARCHAR(255),

LASTNAME VARCHAR(255),

MOBILE VARCHAR(255),

);

SELECT \* FROM SPARK;

INSERT INTO SPARK

VALUES (1, 'SUMIT', 'SHUKLA', 8888), (2, 'YASH', 'MISHRA', 7777), (3, 'ASHISH','VERMA', 6666);

SELECT \* FROM SPARK;

-- USING JOIN CLAUSE -> INNER JOIN, RIGHT JOIN, LEFT JOIN

SELECT \* FROM PERSONS INNER JOIN SPARK ON PERSONS.PERSONID=SPARK.PERSONID;

INSERT INTO SPARK

VALUES (4, 'XXX', 'YYY', 1111);

SELECT \* FROM SPARK;

SELECT \* FROM PERSONS RIGHT JOIN SPARK ON PERSONS.PERSONID=SPARK.PERSONID;

SELECT \* FROM PERSONS LEFT JOIN SPARK ON PERSONS.PERSONID=SPARK.PERSONID;

-- CREATING VIEW

CREATE VIEW

TEST\_NEW AS

SELECT FIRSTNAME, LASTNAME

FROM SPARK;

SELECT \* FROM TEST\_NEW;

-- DROP TABLE

DROP TABLE SPARK;

SELECT \* FROM SPARK;

DROP TABLE PERSONS;

SELECT \* FROM PERSONS;

USE MASTER;

GO

ALTER DATABASE GUNJAL

SET SINGLE\_USER

WITH ROLLBACK IMMEDIATE;

GO

DROP DATABASE GUNJAL;