--CREATE DATABASE

CREATE DATABASE EMPLOYEE\_DETAILS;

USE EMPLOYEE\_DETAILS;

--CREATE TABLE EMPLOYEE

CREATE TABLE EMPLOYEE

(

EMPID INT NOT NULL,

EMPNAME VARCHAR(40) NOT NULL,

EMAIL VARCHAR(40),

PHONE BIGINT,

SALARY FLOAT,

EMPADDRESS VARCHAR(100)

);

INSERT INTO EMPLOYEE(EMPID,EMPNAME,EMAIL) VALUES(111,'AJAY','ABC@GMAIL.COM');

ALTER TABLE EMPLOYEE

ALTER COLUMN EMPID INT NOT NULL;

ALTER TABLE EMPLOYEE

ALTER COLUMN EMPNAME VARCHAR(40) NOT NULL;

ALTER TABLE EMPLOYEE

ALTER COLUMN EMAIL VARCHAR(40) NOT NULL;

INSERT INTO EMPLOYEE VALUES(111,'JJJJ','AAA@GMAIL.COM',8989898988,10000,'BANGALORE');

SELECT \* FROM EMPLOYEE;

DROP TABLE EMPLOYEE;

CREATE TABLE DEPARTMENT

(

DEPTID INT NOT NULL UNIQUE,

DEPTNAME VARCHAR(50),

NO\_PROJECTS INT,

DEPTLOC VARCHAR(50),

CONSTRAINT UC\_DEPT UNIQUE(DEPTID)

);

INSERT INTO DEPARTMENT VALUES(8000,'LIFESCIENCE',34,'CHENNAI');

INSERT INTO DEPARTMENT VALUES(8001,'RETAIL',77,'HYDERABAD');

SELECT \* FROM DEPARTMENT;

ALTER TABLE DEPARTMENT

ADD UNIQUE(NO\_PROJECTS);

INSERT INTO DEPARTMENT VALUES(8011,'RETAIL', NULL,'HYDERABAD');

INSERT INTO DEPARTMENT VALUES(8012,'RETAIL',NULL,'HYDERABAD');

ALTER TABLE DEPARTMENT

DROP CONSTRAINT UQ\_DEPARTMENT\_12233;

CREATE TABLE PROJECTS

(

PROJID INT PRIMARY KEY,

PROJNAME VARCHAR(50),

PROJCATEGORY VARCHAR(50),

CLIENT VARCHAR(50),

CLIENTLOC VARCHAR(60)

);

INSERT INTO PROJECTS VALUES(4000,'STUD MANAGEMENT SYSTEM','EDUCATION','BYJUS','BANGALORE');

INSERT INTO PROJECTS VALUES(4001,'STAFF MANAGEMENT SYSTEM','EDUCATION','BYJUS','BANGALORE');

SELECT \* FROM PROJECTS;

ALTER TABLE PROJECTS

ADD CONSTRAINT PK\_CLIENT PRIMARY KEY(CLIENTID);

ALTER TABLE PROJECTS

DROP CONSTRAINT PK\_\_PROJECTS\_\_F7E0E6910C6CE2EC;

ALTER TABLE PROJECTS

ALTER COLUMN CLIENTID INT NOT NULL;

ALTER TABLE PROJECTS

ADD CONSTRAINT PK\_KEY PRIMARY KEY(PROJID,CLIENTID);

ALTER TABLE PROJECTS

ADD CLIENTID INT;

UPDATE PROJECTS SET CLIENTID=2000

WHERE PROJID=4000;

UPDATE PROJECTS SET CLIENTID=2001

WHERE PROJID=4001;

-- THE PRIMARY KEY HERE IS A COMBINATION OF THE 2 KEYS

--(PROJID=4001,CLIENT=2000) THIS THIS COMBINATION CANNOT REPEAT THE INDIVIDUAL

--VALUES CAN CHANGE

INSERT INTO PROJECTS VALUES(4001,'STUD MANAGEMENT SYSTEM','EDUCATION','BYJUS','BANGALORE',2500);

SELECT \* FROM PROJECTS;

CREATE TABLE EXAMPLE1(NAME VARCHAR(50),MARKS INT);

CREATE TABLE EXAMPLE2(NAME VARCHAR(50),MARKS INT);

INSERT INTO EXAMPLE1 VALUES('SAI PAVAN',77);

INSERT INTO EXAMPLE1 VALUES('HARSHITA',79);

INSERT INTO EXAMPLE1 VALUES('MAMATHA',87);

INSERT INTO EXAMPLE1 VALUES('KULASEKHAR',69);

INSERT INTO EXAMPLE1 VALUES('SAIKUMAR',73);

INSERT INTO EXAMPLE2 VALUES('SAI PAVAN',77);

INSERT INTO EXAMPLE2 VALUES('HARSHITA',77);

INSERT INTO EXAMPLE2 VALUES('INDU',77);

INSERT INTO EXAMPLE2 VALUES('RANJAN',77);

INSERT INTO EXAMPLE2 VALUES('SAI TEJA',77);

SELECT NAME,MARKS FROM EXAMPLE1 WHERE MARKS>=77

UNION ALL

SELECT NAME,MARKS FROM EXAMPLE2 WHERE MARKS>=77;

UPDATE EXAMPLE2 SET MARKS=89 WHERE NAME='SAI TEJA';

SELECT NAME,MARKS FROM EXAMPLE1

INTERSECT

SELECT NAME,MARKS FROM EXAMPLE2;