**Practice lab 4**

**Diyan Saeed**

**L1f21bscs0783**

**create database pl4;**

**use pl4;**

**create table student(**

**id int (11) primary key,**

**marks int (11),**

**age int(11),**

**gender varchar(1),**

**city int(11)**

**);**

**create table city(**

**cid int(11),**

**cityname varchar(20)**

**);**

**INSERT INTO student (id, marks, age, gender, city)**

**VALUES (1, 85, 20, 'M', 1),**

**(2, 92, 22, 'F', 2),**

**(3, 78, 21, 'M', 3);**

**INSERT INTO city (cid, cityname)**

**VALUES (1, 'New York'),**

**(2, 'London'),**

**(3, 'Paris');**

**-- Add the foreign key constraint to the STUDENT table**

**ALTER TABLE student**

**ADD CONSTRAINT fk\_city**

**FOREIGN KEY (city)**

**REFERENCES city(cid);**

**-- Create VIEW View1**

**CREATE VIEW View1 AS**

**SELECT \***

**FROM student**

**INNER JOIN city ON city.cid = student.id;**

**select \* from View1;**

**-- Create VIEW View2**

**CREATE VIEW View2 AS**

**SELECT student.\*, city.cityname**

**FROM student**

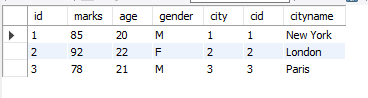
**INNER JOIN city ON city.cid = student.city;**

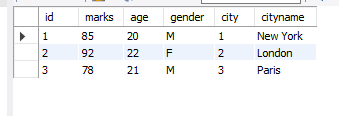
**-- Create VIEW View3**

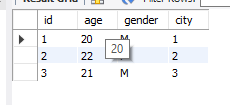
**CREATE VIEW View3 AS**

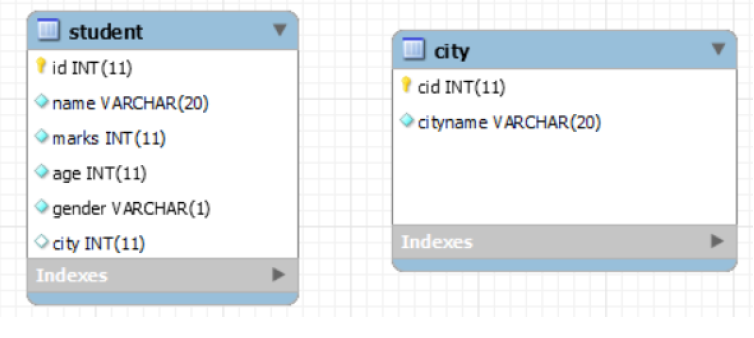
**SELECT id, age, gender, city**

**FROM student;**

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