|  |  |
| --- | --- |
| 1. | Student |
| pk | StudentNo  StudentName  Major |

|  |  |
| --- | --- |
| 2. | Course |
| pk | CourseNo  CourseName  InstructorNo |

|  |  |
| --- | --- |
| 3. | Instructor |
| pk | InstructorNo  InstructorName  InstructorLocation |

|  |  |
| --- | --- |
| 4. | Student\_Course |
| fk | StudentNo  CourseNo  Grade |

3. create table dgn constraint:

- tabel student

Create table student (

StudentNo INT PRIMARY KEY,

StudentName VARCHAR(100) NOT NULL,

MAJOR VARCHAR(50) NOT NULL

);

Create table instructor (

InstructorNo INT PRIMARY KEY,

InstructorName VARCHAR(100) NOT NULL,

MAJOR VARCHAR(100) NOT NULL

);

Create table Course (

CourseNo INT PRIMARY KEY,

CourseName VARCHAR(100) NOT NULL,

InstructorNo INT,

FOREIGN KEY (InstructorNo) REFERENCES Instructor (InstructorNo)

);

Create table Student\_Course (

StudentNo INT,

CourseNo INT,

Grade CHAR(5),

PRIMARY KEY (StudentNo, CourseNo),

FOREIGN KEY (StudentNo) REFERENCES Student(StudentNo),

FOREIGN KEY (CourseNo) REFERENCES Course(CourseNo)

);