CREATE SCHEMA University;

CREATE TABLE University.Students (

StudentId INT PRIMARY KEY,

StudentName VARCHAR(50)

);

CREATE TABLE University.Courses (

CourseId INT PRIMARY KEY,

CourseName VARCHAR(50)

);

CREATE TABLE University.Grades (

StudentId INT,

CourseId INT,

Grade CHAR(1),

FOREIGN KEY (StudentId) REFERENCES University.Students(StudentId),

FOREIGN KEY (CourseId) REFERENCES University.Courses(CourseId),

PRIMARY KEY (StudentId, CourseId)

);

INSERT INTO University.Students (StudentId, StudentName)

VALUES

(1, 'John Doe'),

(2, 'Jane Smith'),

(3, 'Alice Johnson'),

(4, 'Bob Brown'),

(5, 'Emily Davis');

INSERT INTO University.Courses (CourseId, CourseName)

VALUES

(101, 'Mathematics'),

(102, 'Physics'),

(103, 'History'),

(104, 'Computer Science'),

(105, 'English');

INSERT INTO University.Grades (StudentId, CourseId, Grade)

VALUES

(1, 101, 'A'),

(1, 102, 'B'),

(1, 103, 'A'),

(2, 101, 'B'),

(2, 102, 'A'),

(2, 103, 'C'),

(3, 101, 'C'),

(3, 102, 'B'),

(3, 103, 'B'),

(4, 101, 'A'),

(4, 102, 'A'),

(4, 103, 'B'),

(5, 101, 'B'),

(5, 102, 'C'),

(5, 103, 'C');