

```
1 use RainbowSchool;
2 go
3
4 create table classes(
5 classId int Primary Key identity ,
6 className varchar(50),
7 classFloor int
8 )
9
10 CREATE TABLE Subjects (
11     SubjectID INT PRIMARY KEY IDENTITY(1,1),
12     SubjectName NVARCHAR(50),
13     TeacherName NVARCHAR(50)
14 );
15
16
17 create table student(
18 studentId int primary key,
19 StudentName varchar(50),
20 TeacherName varchar(50),
21 ClassId int constraint FK_student_class foreign key REFERENCES classes
22     (classId),
23 SubjectID INT,
24 CONSTRAINT FK_Student_Subject FOREIGN KEY (SubjectID) REFERENCES Subjects
25     (SubjectID)
26 )
27
28
29 INSERT INTO Subjects (SubjectName, TeacherName)
30 VALUES
31     ('Mathematics', 'Mr. Smith'),
32     ('Science', 'Mrs. Johnson'),
33     ('History', 'Mr. Davis');
34
35 INSERT INTO Classes (ClassName, ClassFloor)
36 VALUES
37     ('Class A', 1),
38     ('Class B', 2),
39     ('Class C', 1);
40
41
42
43 INSERT INTO Student (studentId, StudentName, TeacherName , ClassID,
44     SubjectID)
45 VALUES
46     (1, 'Aman', 'Rajeev Srivastav', 1, 1),
47     (2, 'Anjali', 'Usa shukla', 2, 2),
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47  (3, 'Akhand', 'Brijesh Kumar', 3, 3),
48  (4, 'Shashant ', '', 1, 1);
49
50 -- Update the student information
51 UPDATE Student
52 SET StudentName = ' Aman',
53     TeacherName = ' Teacher'
54 WHERE studentId = 1;
55
56
57
58
```