

Source Code:-

```
CREATE DATABASE SCHOOLDB
```

```
USE SCHOOLDB
```

```
CREATE TABLE Student (  
    StudentID INT PRIMARY KEY,  
    FirstName VARCHAR(50),  
    LastName VARCHAR(50),  
    DateOfBirth DATE,  
    ClassID INT  
);
```

```
INSERT INTO Student (StudentID, FirstName, LastName, DateOfBirth, ClassID)  
VALUES  
    (1, 'Sandy', 'Saha', '2005-03-15', 1),  
    (2, 'Roxy', 'Sen', '2006-07-10', 1),  
    (3, 'Neel', 'Jaiswal', '2005-09-20', 2),  
    (4, 'Reshma', 'Holder', '2007-01-25', 3),  
    (5, 'Nama', 'Mathur', '2006-11-05', 2);
```

```
SELECT * FROM Student
```

```
CREATE TABLE Subjects (  
    SubjectID INT PRIMARY KEY,  
    SubjectName VARCHAR(50)  
);
```

```
INSERT INTO Subjects (SubjectID, SubjectName)  
VALUES  
    (1, 'Mathematics'),  
    (2, 'Science'),  
    (3, 'History'),  
    (4, 'English'),  
    (5, 'Computer Science');
```

```
SELECT * FROM Subjects
```

```
CREATE TABLE Classes (  
    ClassID INT PRIMARY KEY,  
    ClassName VARCHAR(20)  
);
```

```
INSERT INTO Classes (ClassID, ClassName)  
VALUES  
    (1, 'Class 1'),  
    (2, 'Class 2');
```

```
(3, 'Class 3'),  
(4, 'Class 4'),  
(5, 'Class 5');
```

```
SELECT * FROM Classes
```

```
CREATE NONCLUSTERED INDEX IX_Student_ClassID ON Student (ClassID);
```

```
CREATE NONCLUSTERED INDEX IX_Student_LastName ON Student (LastName);
```

```
CREATE NONCLUSTERED INDEX IX_Subjects_SubjectName ON Subjects (SubjectName);
```

```
CREATE NONCLUSTERED INDEX IX_Classes_ClassName ON Classes (ClassName);
```