

Source Code for Create a School Database

```
create Database Practice1Db
use Practice1Db

-- Subjects table
create table Subjects(
SubjectID int primary key,
SubjectName nvarchar(50)not null
)

--Classes table
create table Classes(
ClassID int primary key,
ClassName nvarchar(50)not null
)

-- Students table
create table student(
StudentID int primary key,
    FirstName nvarchar(50)not null,
    LastName nvarchar(50)not null,
DateOfBirth Date,
ClassID int foreign key references Classes,
SubjectID int foreign key references Subjects
)

insert into Subjects values
(11,'Tamil'),
(12,'English'),
(13,'Maths'),
(14,'Biology'),
(15,'Physics'),
    (16,'Chemistry'),
    (17,'ComputerScience'),
    (18,'Commerce')

insert into Classes values
(100,'Class A'),
(101,'Class B'),
(102,'Class C'),
(103,'Class D'),
(104,'Class E')

insert into Student values
(5113,'Aishu','Divi','2003-03-30', 100, 17),
(2113,'Will','Smith','2005-05-25', 101, 12),
(6114,'Virat','Kohli','2004-06-20', 102, 13),
(8116,'fazee','shreen','2003-09-18', 103, 18),
(9118,'Stephen','Nicolas','2006-11-05', 104,14)

create index SCid_index on student(ClassID)

create index SSid_index on student(SubjectID)
```

```
select*from Classes
select*from student
select*from Subjects
```

```
select StudentID, FirstName + ' ' + LastName 'Student Name', DateOfBirth
DOB, C.ClassID, c.ClassName, sub.SubjectID, sub.SubjectName
from Student s
join Classes c on s.ClassID=c.ClassID
join Subjects sub on sub.SubjectID=s.SubjectID
```