SOURCE CODE

create Database Project1

use Project1

---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

)

----student 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,'kannada'),

(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, 'Manju', 'Swetha', '2003-03-30', 100, 17),

(2113, 'Will', 'Smith', '2005-05-25', 101, 12),

(6114, 'Virat', 'Varsh', '2004-06-20', 102, 13),

(8116, 'Raghu', 'shreen', '2003-09-18', 103, 18),

(9118, 'Stephen', 'Alge', '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