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, 'Nikith', 'S', '2005-03-15', 1),

(2, 'Niki', 'S', '2006-07-10', 2),

(3, 'Suresh', 'S', '2005-09-20', 1),

(4, 'Dhanu', 'GM', '2007-01-25', 3),

(5, 'manju', 'G', '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);

SELECT \* FROM Student

SELECT \* FROM Subjects

SELECT \* FROM Classes