**Create a School Database**

DESCRIPTION

Using SQL Server MMC, create tables and indexes for storing students, subjects and classes data.

**Background of the problem statement:**

Rainbow School is creating software for school management. The first stage is to design a database in SQL Server which will manage all the data. This database will then be used in the web-based application for school management.

**You must use the following:**

SQL Server 17 Express Edition

**Tables:**

The following master tables will be created:

Student – store all student data across multiple classes

Subjects – master list of subjects taught in all classes

Classes – list of classes in the school

**Source Code:**

create database RainbowSchool

use RainbowSchool

go

create table RainbowStudents

(

StudID varchar(20) primary key,

StudName varchar(20),

ClassID int foreign key references Class(ClassID)

)

create table Subjects

(

SubjID int primary key,

SubjName varchar(20),

ClassID int foreign key references Class(ClassID)

)

create table Class

(

ClassID int primary Key,

ClassSec varchar(20)

)

insert into Class values(501, 'A'),(502, 'B'), (503, 'C'),(504, 'D')

insert into RainbowStudents values(1,'Lucifer',501),(2,'Max',502),(3,'Mize',503),(4,'Kim',504)

insert into Subjects values(1,'Science',501),(2,'Maths',502),(3,'Physics',503),(4,'Chemistry',504)

select \* from Class

select \* from RainbowStudents

select \* from Subjects

OUTPUT :





