University Management System

Problem Statement

Create a view to provide a consolidated view of student performance. The view should combine information from the students, courses, and grades tables to give a summary of each student's grades for their enrolled courses.

Requirements:

Database Schema:

- **Table: Students**

    o   StudentID (INT, Primary Key, Auto Increment)

    o   FirstName (VARCHAR(255))

    o   LastName (VARCHAR(255))

    o   EnrollmentDate (DATE)

- **Table: Courses**

    o   CourseID (INT, Primary Key, Auto Increment)

    o   CourseName (VARCHAR(255))

    o   Credits (INT)

- **Table: Grades**

    o   GradeID (INT, Primary Key, Auto Increment)

    o   StudentID (INT, Foreign Key)

    o   CourseID (INT, Foreign Key)

    o   Grade (VARCHAR(2))

SQL View:

1. **View Name**: StudentPerformance

    o   Combine information from the Students, Courses, and Grades tables.

    o   Include the following columns: StudentID, FirstName, LastName, CourseName, Credits, Grade.