WRITEUP

**Step 1: Setup the Project**

* Open Visual Studio 2022 Community Edition.
* Create a new ASP.NET Web Application.
* Choose the MVC template and ensure the target framework is set to the desired version.
* Configure authentication if required (for admin access).
* Click on "Create" to generate the project.

**Step 2: Set Up the Database**

* Open SQL Server Management Studio (SSMS).
* Create a new database (e.g., "RainbowSchoolDB").
* Create tables for Student, Subject, and Classe. Define appropriate columns and relationships.
* Populate the tables with sample data.

**Step 3: Create Models**

* Right-click on the "Models" folder in the project.
* Add new classes for Student, Subject, and Classe. Define properties matching the database table columns.
* Use data annotations for validation attributes if needed.

**Step 4: Create Controllers**

* Right-click on the "Controllers" folder.
* Add new controllers for Student, Subject, and Classe. Choose the "MVC 5 Controller with views, using Entity Framework" option.
* Configure the data context to your database.
* Scaffold CRUD actions for each controller (Index, Create, Edit, Delete).

**Step 5: Create Views**

* In each controller folder, you'll find generated views for Index, Create, Edit, and Delete actions. Customize these views as needed for your application's design.

**Step 6: Configure Routes**

* Open "RouteConfig.cs" in the "App\_Start" folder.
* Configure routes for your controllers and actions if needed.

**Step 7: Test the Application**

* Run the application and navigate to the Student, Subject, and Classe sections.
* Test the CRUD operations to make sure data is being retrieved, added, edited, and deleted correctly