DotNet Machine Test Instructions

This is an application to save student information and show saved data.

This is unfinished work and there are some errors which you are supposed to identify and fix.

Important Todos:

1) The current code is written in a single file. You are expected to make it in a structured MVC way.

2) Database tables do not exist. Please use the SQL Table creation script available to create the table.

3) Follow proper OOPs concepts.

4) The final code should be ready to be released to Production without any additional code reviews. Consider you have verified all the code review checkpoints in terms of Standard coding practices (Code structure, Naming conventions, File Structure, Comments, Validations, Error Handling, Data Security, Application Design Pattern, Layered Approach, Proper Separation of Business Logic, Use of .Net Core or Entity Framework or ADO.Net etc.)

5) We would like this code to be of Production Release Level, if you are unable to write code to that standards due to time constraints, it would be helpful if you can list down things which you could have done.

6) The student information needs to be saved in the database with proper validations.

7) Data security should be kept in mind while implementing this assignment.

8) Show the 2nd highest pocket money of the student in an optimized way.

9) In Student Listing, highlight the records which are Prime number in the ID column in some different color (HTML Structure and CSS)

10) Create two partial views for Add and Listing and include those in a single view to display.

11) There is no time restriction for completing this MT, you can take the time needed however make sure that you cover all points mentioned above.