**Create an OOP Based System for Storing School Data Using Design Patterns**

**Introduction:**

In this I created the OOP Based sorting system of the school Data using the design patterns.

**Prerequisites:**

Visual Studio Community Edition

Github Account

**Program Flow:**

User enters student, teacher, and subject information.

Data is stored in the Data class.

User can display students in a specific class and section or subjects taught by a teacher.

**Improvements:**

Implement input validation for user input.

Add error handling for scenarios like duplicate data entry or null references.

Consider data persistence using a database or file storage.

Use better data structures for improved data retrieval performance.

Create a more user-friendly console interface.

Expand functionality for editing, deleting, or searching data entries.

**GitHub Link:**

**Conclusion:**

The program serves as a basic foundation for a school management system. With enhancements and additional features, it could be further developed into a more comprehensive solution.