Damilah

//SCHOOL SUBJECTS

Write a simple C# Console application for the School Subjects Information system. The application should satisfy the following criteria:

1. The application should provide an option for the user to pick from a predefined fixed list of at least 3 basic subjects, for example, Math, English, Art, etc. Every Subject has the following characteristics: Name, Description, Number of Weekly Classes, Literature Used (can be multiple), and any other information that you see relevant.
2. The application should be extendable with additional subjects from 3rd party sources (DB, APIs, etc.).
3. The application should offer an option for the user to see more details about a given subject.

//TECHNICAL REQUIREMENT INFORMATION AND GUIDE

Use this opportunity to demonstrate your understanding of the software design best practices and OOP principles. Your solution should follow the SOLID principles to produce well-structured and maintainable code.

Hints:

- Utilize polymorphism and data-driven design for the implementation.
- The application can use a Data Source of any type (JSON, XML, Database, REST API etc.) to cover the second requirement.