* Explain the meaning of Abstraction: Abstraction is a core object-oriented programming principle that simplifies complex systems by focusing on essential features while hiding the implementation details.
* Highlight a benefit of Abstraction: It promotes code reusability and scalability by allowing developers to work with high-level concepts without worrying about low-level details. For instance, a method like OpenFile() hides the complexities of handling, so users don’t need to know how the file system works to use it.
* Provide an application of Abstraction: A common example of abstraction in object-oriented programming is designing a journal program.

Here is an example from a journal program I worked on this week:  
  
public class Journal

{

private List<string> entries = new List<string>();

// Abstracted method to add a new journal entry

public void AddEntry(string entry)

{

entries.Add(entry);

}

// Abstracted method to display all journal entries

public void DisplayEntries()

{

foreach (string entry in entries)

{

Console.WriteLine(entry);

}

}

}