Applicable to all The exercises ( Add Exception handling mechanism to all code parts susceptible to throw exceptions.)

1.Understand and Implement the following keywords related to classes and method

* Abstract classes and methods
* Understanding the Inheritance Mechanism using Bases classes
  + Base keyword
  + This keyword
  + Virtual keyword
  + Override keyword.
* Note: Self Read understand about **partial** classes.

2. Generics Classes and Methods (IGNORE THIS)

* Declare and also Instantiate generic classes with multiple primitive types and some custom types
* How to declare and invoke generic methods in a non generic classes (SimpleClass)

3. Understand and Implement the various overloads of Array.Sort Method with working examples

<https://learn.microsoft.com/en-us/dotnet/api/system.array.sort?view=net-8.0>

4. Understand and Implement and few interfaces of your own and have multiple unrelated classes provide implementations of them

* Understand the behaviour of IComparable , IEnumerable, IDisposable interfaces
  + You could use the IDisposable inside a **using** block and observe that the Dispose method logic is executed automatically when used inside using block.

5. Provide an Extension method for String and Any custom class with the name FirstandLastHypenated and demonstrate.