A screen shot of a computer program

Description automatically generatedA screenshot of a computer program

Description automatically generatedA computer screen shot of a program

Description automatically generated**Generic** classes and methods combine reusability, type safety, and efficiency in a way that their non-generic counterparts cannot. Generics are most frequently used with collections and the methods that operate on them. The [System.Collections.Generic](https://learn.microsoft.com/en-us/dotnet/api/system.collections.generic) namespace contains several generic-based collection classes. The non-generic collections, such as [ArrayList](https://learn.microsoft.com/en-us/dotnet/api/system.collections.arraylist) are not recommended and are maintained for compatibility purposes.

**Delegate** is an object which refers to a method or you can say it is a reference type variable that can hold a reference to the methods

A close-up of a blue background

Description automatically generated

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A computer screen shot of a program code

Description automatically generatedA blue background with white text

Description automatically generatedA screenshot of a computer

Description automatically generated

A screen shot of a black screen

Description automatically generatedA black and white screen with white text

Description automatically generated

A screen shot of a blue background

Description automatically generated

Language-Integrated Query (LINQ) is the name for a set of technologies based on the integration of query capabilities directly into the C# language.