List<T> class represents the list of objects which can be accessed by index. It comes under the System Collections Generic namespace. List class can be used to create a collection of different types like integers, strings etc. List<T> class also provides methods to search, sort, and manipulate lists.

Characteristics:

It is different from the arrays. A List<T> can be resized dynamically but arrays cannot.

List<T> class can accept null as a valid value for reference types and it also allows duplicate elements.

code

A computer screen with text and images

Description automatically generated

output

A screenshot of a computer

Description automatically generated