02 Arrays and Strings

Test your Knowledge

1.When to use String vs. StringBuilder in C# ?

* String is immutable. It is good for sensitive data like username or password
* StringBuilder is mutable. Usually use inside method implementation and then we can modify the text and can cover to string when modify finished.

2.What is the base class for all arrays in C#?

* Array

3.How do you sort an array in C#?

* Array.Sort();

4.What property of an array object can be used to get the total number of elements in an array?

* Array.Length

5.Can you store multiple data types in System.Array?

* If we creating object array then we can store multiple data types.

6.What’s the difference between the System.Array.CopyTo() and System.Array.Clone()?

* CopyTo() require to have a destination array and start index. That destination array needs to have same or larger size than base array.
* Clone() return new array and return exactly same size.