**Assignment 02**

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1. String can be used when there are a smaller number of modifications or concatenations. Each modification creates a new string.

Whereas StringBuilder provides better performance and are mutable.

1. Array Class is the base class of all arrays in C#.
2. We can use Array.Sort() method to sort arrays.
3. Length property returns the total number of elements in an array.
4. No, we cannot store multiple data types in System.Array.
5. Array.Clone() creates a shallow copy, where changes in the cloned array is reflected in the original array.

Array.CopyTo() creates a deep copy, where changes in the copied array is not reflected in the original array.