02 Arrays and Strings

Test your Knowledge

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

-- If a string is going to remain constant throughout the program, then use String class object because a String object is immutable.

--If a string can change (example: lots of logic and operations in the construction of the string) then using a StringBuilder is the best option.

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

-- The Array class is the base class for all the arrays in C#.

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

-- Using Array. Sort method.

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

-- Array.Length Property.

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

-- No, we cannot store multiple datatype in an Array, we can store similar datatype only in an Array.

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

-- The clone is of the same Type as the original Array. The CopyTo() method copies the elements into another existing array. It copies the elements of one array to another pre-existing array starting from a given index (usually 0).