1. **When to use String vs. StringBuilder in C#?**
    Using String when dealing with a small amount of text that doesn't need to be modified, and when concatenating a few strings together.

    Using StringBuilder when dealing with large amounts of text that need to be modified frequently.

2. **What is the base class for all arrays in C#?**
    The base class for all arrays in C# is *System.Array*, which provides common properties and methods for all arrays

3. **How do you sort an array in C#?**
    We can use *Array.Sort* method

4. **What property of an array object can be used to get the total number of elements in an array?**
    The *Length* can be used to get the total number of elements in an array, which returns an integer that represents the total number of elements in an array.

5. **Can you store multiple data types in System.Array?**
    Yes, because *System.Array* is a reference type that can hold elements of any type.

6. **What's the difference between the System.Array.CopyTo() and System.Array.Clone()?**
    System.Array.CopyTo() copies the elements of an array to another existing array or a new array
    System.Array.Clone() creates a new array that is a shallow copy of the original array, including all its elements and their references to objects