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

Ans: String and StringBuilder are in different class. We can easily assign a text to a String object. After we assign, the string can't be changed. If we do so, the original string will be dropped and create a new object of string and accept our assignment.

StringBuilder is more suitable for dynamic asking. We can add or delete or modify its element. After we completed, we can make it into a string by using ToString();

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

Ans: System.Array

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

Ans: We can call Array.Sort

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

Ans : array.Length

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

Ans : We can create an Object array to do that. Or use generic type.

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

Ans: Copyto( ) copies the source array to destination array. Clone() copies the array and returns the new object.