**Brief Explanation of SortedSet in C#:**

SortedSet<T> is a collection in C# that stores unique elements in a sorted order. The sorting is based on the default comparer for the type (IComparable<T>) or a custom comparer specified during initialization. This data structure is highly efficient for operations like adding, removing, and checking for the existence of elements.

**Key Characteristics:**

* Ensures all elements are unique.
* Automatically sorts elements in ascending order.
* Useful for scenarios where you need sorted, non-duplicate data.

**Most Useful Methods in SortedSet:**

1. **Add(T item)**  
   Adds an element to the set. Returns true if the element is added; false if it already exists.
2. **Remove(T item)**  
   Removes a specific element from the set.
3. **Contains(T item)**  
   Checks if an element exists in the set.
4. **UnionWith(IEnumerable<T> other)**  
   Modifies the current set to include all elements from another collection.
5. **IntersectWith(IEnumerable<T> other)**  
   Modifies the current set to include only elements that are also in another collection.
6. **ExceptWith(IEnumerable<T> other)**  
   Removes elements from the set that are in another collection.
7. **IsSubsetOf(IEnumerable<T> other)**  
   Checks if the set is a subset of another collection.
8. **IsSupersetOf(IEnumerable<T> other)**  
   Checks if the set is a superset of another collection.
9. **SetEquals(IEnumerable<T> other)**  
   Determines if the set contains the same elements as another collection.
10. **Min and Max**  
    Gets the smallest and largest elements in the set.