Then By and ThenBy Descending

ThenBy , ThenByDescending

✓ ThenBy method is used to sort data on the second level and so on in ascending order.

✓ ThenByDescending method is used to sort data on the second level and so on in descending order.

✓ These methods are used with OrderBy or OrderByDescending method.

✓ Ex –

   ✓ First sort on first name and then sort on second name.

Object Example

```csharp
var dataSource = new List<Employee>()
{
    new Employee(){
        Id = 3,
        Email = "Smith@email.com",
        LastName = "Smith",
        FirstName = "Foo"
    },
    new Employee(){
        Id = 2,
        Email = "Thomas@email.com",
        LastName = "Thomas",
        FirstName = "Mark"
    },
    new Employee(){
        Id = 1,
        Email = "Allen@email.com",
        LastName =
        FirstName =
    },
    new Employee(){
        Id = 4,
        Email = "Anderson@email.com",
        LastName = "Anderson",
        FirstName = "Foo"
    }
};
```

`class System.String`
Represents text as a sequence of UTF-16 code u

Example

```csharp
        LastName = "Anderson",
        FirstName = "Foo"
    }
};

var ms = dataSource.OrderBy(emp => emp.FirstName).ThenBy(emp => emp.LastName).ToList();

var qs = from emp in dataSource
         orderby emp.FirstName descending, emp.LastName
         select emp;

foreach (var item in qs)
{
    Console.WriteLine($"{item.Id}, first name = {item.FirstName}, last name = {item.LastName}, Email = {item.Email}");
}

Console.ReadLine();
```