1. What Are Ordering Operators?

In simple terms, we can say that Ordering is nothing but a process to manage the data in a particular order. It is not changing the data or output rather this operation rearranges the data in a particular order i.e. either ascending order or descending order. In this case, the count is going to be the same but the order of the element is going to change.

We can sort the data in two ways i.e. Ascending or Descending order. The order may be integer-based or any other data type based. For example

* Name of Cities of a particular state in alphabetical order.
* Students order by Roll Number in a class.

It is also possible to order based on multiple columns like Employee First and Last Name in ascending order while the Salary is in descending order.

1. What are the Methods available in Linq for Sorting the data?

There are five methods provided by LINQ to sort the data. They are as follows

* **OrderBy**
* **OrderByDescending**
* **ThenBy**
* **ThenByDescending**
* **Reverse**