Linq Query

1. Fetch No is greater than 10.

int[] integers = { 1, 2, 3, 10, 12, 6, 18, 9, 11 };

IEnumerable<int> n = integers.Where(x => x > 10).OrderBy(p=> p);

foreach(var k1 in n)

{

Console.WriteLine(k1);

}

1. Linq query to fetch first 4 no.

integers.Take(4).ToList().ForEach(x => Console.WriteLine(x));

1. To Fetch data other than first 4 in sequence

integers.Skip(4).ToList().ForEach(x => Console.WriteLine(x));

1. Fetch No till 6 not found

integers.TakeWhile(x=> x.CompareTo(6)!=0).ToList().ForEach(x => Console.WriteLine(x));

1. Fetch no after 6 found

integers.SkipWhile(x=> x.CompareTo(6)!=0).ToList().ForEach(x => Console.WriteLine(x));

1. Get Charatcters is String is in Upper Case

"Chandan Kumar".AsEnumerable().Where(x => Char.IsUpper(x)).ToList().ForEach(x => Console.WriteLine(x)); // Out Put C K

"Chandan Kumar".AsEnumerable().Select(x => Char.IsUpper(x)).ToList().ForEach(x => Console.WriteLine(x));

// OutPut True False False False False False False True False False False False

7.

|  |  |
| --- | --- |
| CategoryID | Category Name |
| 1 | Shoe |
| 2 | Toy |

var Category = new List<(int, string)>

{

(1, "Shoe"),

(2, "Toy"),

};

|  |  |
| --- | --- |
| ItemID | Item Name |
| 1 | Nike |
| 2 | Reebok |
| 3 | Bata |
| 4 | Kid Train |

var Items = new List<(int, string)>

{

(1,"Nike"),

(2,"Reebok"),

(3,"Bata"),

(4,"Kid Train")

};

|  |  |  |
| --- | --- | --- |
| ID | Category ID | Item ID |
| 1 | 1 | 1 |
| 2 | 1 | 2 |
| 3 | 1 | 3 |
| 4 | 2 | 4 |