## Scope: Assignment for Day 7 – Usage of Class and Interface

## Expected Submission date: Day 7

Purpose of the assignment is to understand the usage of Collection using console application.

*[Note: It’s a continuation of Assignment 2 (Given in Day 7)]*

## Requirement:

1. Create a Copy of Assignment 2 into different Folder location
2. Open the Solution in Visual Studio
   1. Build the application
3. Under the console application erase all code inside Main methods
4. Create a List of IEmployee
5. Add fourteen real record under the collection ( two manager and twelve employee)
   1. Use your name and end mail as data as employee data
   2. Use Manager name as “Test Manager1” and email as [manager1@esspl.com](mailto:manager1@esspl.com) for first manager
   3. Use Manager name as “Test Manager2” and email as [manager2@esspl.com](mailto:manager2@esspl.com) for second manager
6. Assign ReportingManager field for all employee randomly by manager 1 and manager 2
7. Use LINQ syntax to find the employee name who are working under manager 1
   1. Display the record under Console
8. User Expression Methods to find the employee who are working under manager2
   1. Display the record under Console
9. Use Expression Methods to find the total number of employee exists under the organization
   1. Display the result in console

**Assessment:**

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| --- | --- | --- | --- |
|  | **Weight** | **Total** | **Weighted Total** |
| LINQ | 2 | 10 | 20 |
| Expression Methods | 3 | 10 | 20 |
| **Total** | | | 50 |