Employee.cs:

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace CollectionLib

{

public class Employee

{

public int emp\_id { get; set; }

public string emp\_name { get; set; }

public string emp\_dept { get; set; }

public DateTime join\_date { get; set; }

public IEnumerable<Employee> GetEmployees()

{

List<Employee> emp\_list = new List<Employee>();

emp\_list.Add(new Employee { emp\_id = 101, emp\_dept = "accounts", emp\_name = "divya", join\_date = Convert.ToDateTime("04/11/2020") });

emp\_list.Add(new Employee { emp\_id = 100, emp\_name = "Monisha", emp\_dept = "payroll", join\_date = Convert.ToDateTime("09/10/2019") });

return emp\_list;

}

}

}

Test class

using System;

using System.Collections.Generic;

using CollectionLib;

using NUnit.Framework;

namespace Collection\_test

{

[TestFixture]

public class UnitTest1

{

[Test]

public void GetEmployees\_WhenCalled\_ReturnEmployees()

{

var emp = new Employee();

var result = emp.GetEmployees();

Assert.That(result, Is.Not.Empty);

Assert.That(result, Is.Unique);

}

}

}



