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Course Name: Dot Net Technology

Report: Laboratory work #2

Theme: Collections of objects in C#. Formatted output

1.Theoery block

This time we use List and Loop

2.Program block with screenshots

```csharp
using Lab01;

using System;
using System.Collections.Generic;

namespace Lab02
{
    class Program
    {
        static void Main(string[] args)
        {
            var students = new List<Student>();

            Console.Write("Enter number of student : ");
            var count = int.Parse(Console.ReadLine());


            for (int i = 0 ;i < count; i++)
            {
                Console.WriteLine("Student number "+(i+1));
                var student = new Student();

                Console.WriteLine("Name");
                student.FirstName = Console.ReadLine();
                student.LastName = Console.ReadLine();

                Console.WriteLine("Email");
                student.EMail = Console.ReadLine();

                Console.WriteLine("phone");
                student.PhoneNumber = int.Parse(Console.ReadLine());
                students.Add(student)
            }
```
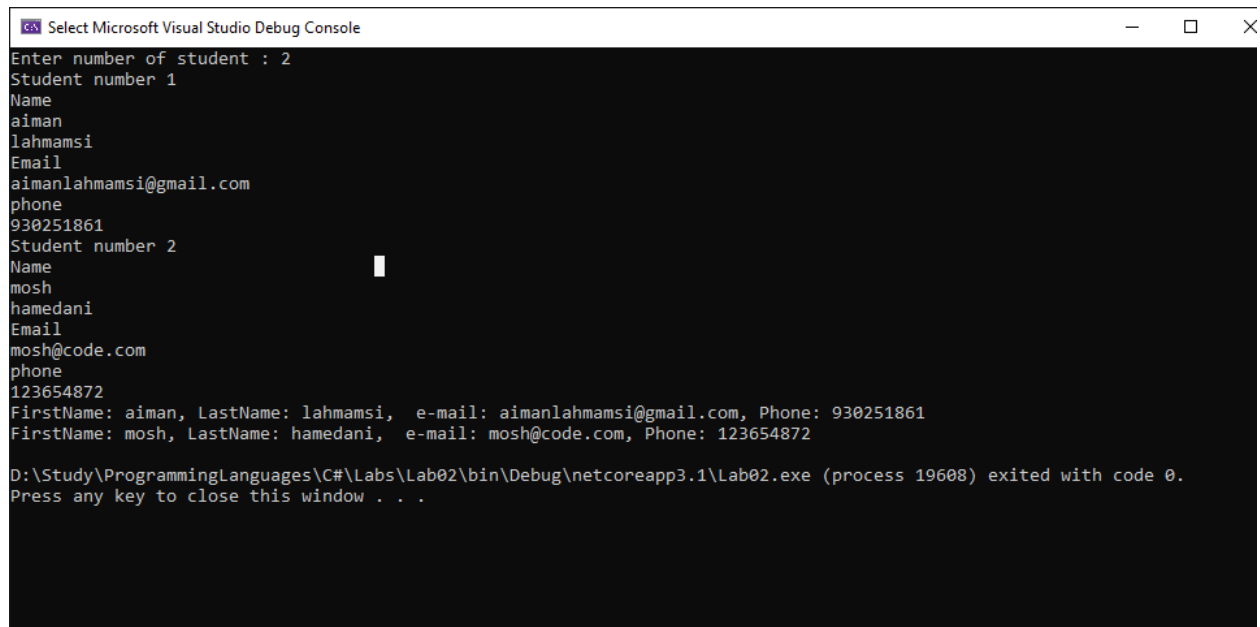
```
        foreach(var student in students)
            {
                Console.WriteLine(student);
            }
        }
    }
}
```

```
Select Microsoft Visual Studio Debug Console                                    —    □    ✕
Enter number of student : 2
Student number 1
Name
aiman
lahmamsi
Email
aimanlahmamsi@gmail.com
phone
930251861
Student number 2
Name                            ▌
mosh
hamedani
Email
mosh@code.com
phone
123654872
FirstName: aiman, LastName: lahmamsi,  e-mail: aimanlahmamsi@gmail.com, Phone: 930251861
FirstName: mosh, LastName: hamedani,  e-mail: mosh@code.com, Phone: 123654872

D:\Study\ProgrammingLanguages\C#\Labs\Lab02\bin\Debug\netcoreapp3.1\Lab02.exe (process 19608) exited with code 0.
Press any key to close this window . . .
```

3.Conclusion

In this Laboratory work we created group of students with
Collection of the Object and we can add many student as we
want.