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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 Lab1;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Lab2
{
    class Program
    {
        static void Main(string[] args)
        {
            var students = new List<Student>() ;

            Console.WriteLine("Please enter number of student");
            var count = int.Parse(Console.ReadLine());

            for (int i = 0; i<count; i++)
            {
                Console.WriteLine("please enter student no {0}", i+1);
                var student = new Student();
                Console.WriteLine("Name: ");
                student.FirstName = Console.ReadLine();
                Console.WriteLine("LastName: ");
                student.LastName = Console.ReadLine();
                Console.WriteLine("PhoneNumber: ");
                student.PhoneNumber = int.Parse(Console.ReadLine());
                Console.WriteLine("Email: ");
                student.Email = Console.ReadLine();

                students.Add(student);
            }
```
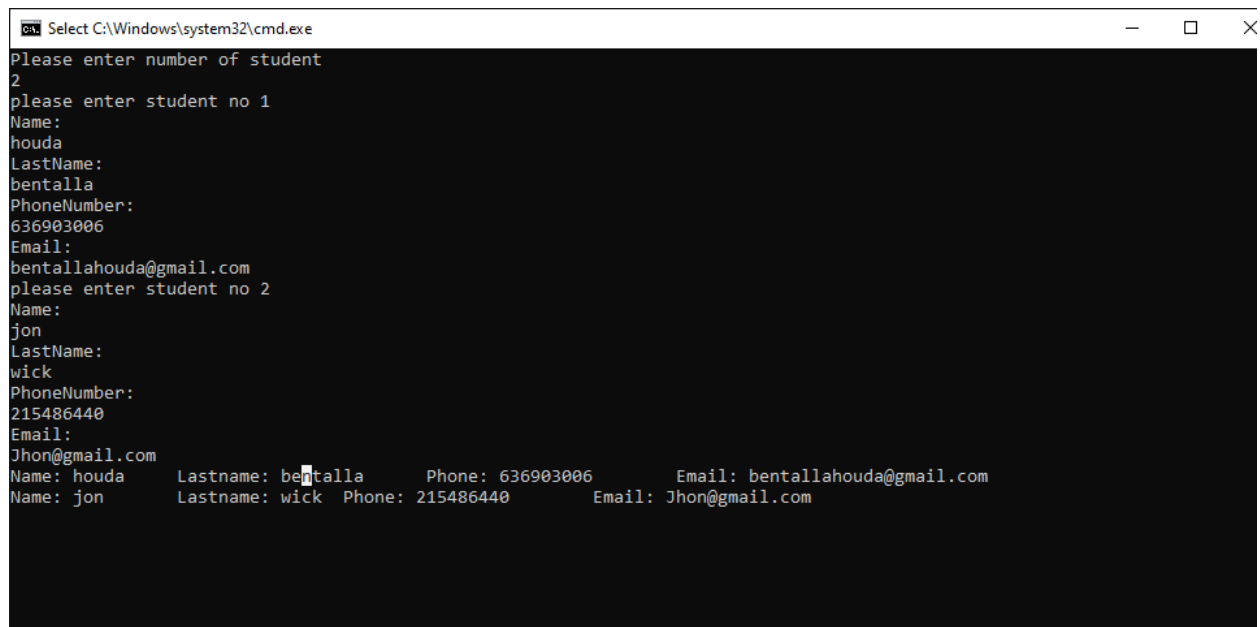
```
        foreach(var student in students)
        {
            Console.WriteLine(student);
        }

        Console.ReadKey();
    }
  }
}
```

```
Select C:\Windows\system32\cmd.exe                                    —    □    ×
Please enter number of student
2
please enter student no 1
Name:
houda
LastName:
bentalla
PhoneNumber:
636903006
Email:
bentallahouda@gmail.com
please enter student no 2
Name:
jon
LastName:
wick
PhoneNumber:
215486440
Email:
Jhon@gmail.com
Name: houda      Lastname: bentalla      Phone: 636903006        Email: bentallahouda@gmail.com
Name: jon        Lastname: wick  Phone: 215486440       Email: Jhon@gmail.com
```

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.