Name: - Nitin Sunil More
PRN: - 220960920048

LAB EXAM MS.NET

i) Write a function to find sum. The function must implemented with params keyword

to accept any number of parameters

ii) Call the function to find sum of 2 numbers .

iii) use the same function to find sum of 5 numbers

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

namespace Lab_exam_1
{
    internal class sum
    {


        public static void Sum( params int[] num)
        {

            int sum = 0;
            foreach (int i in num)
            {
                sum += i;



            }
            Console.WriteLine(sum);

        }

    }
}
```

////////////////////////////////

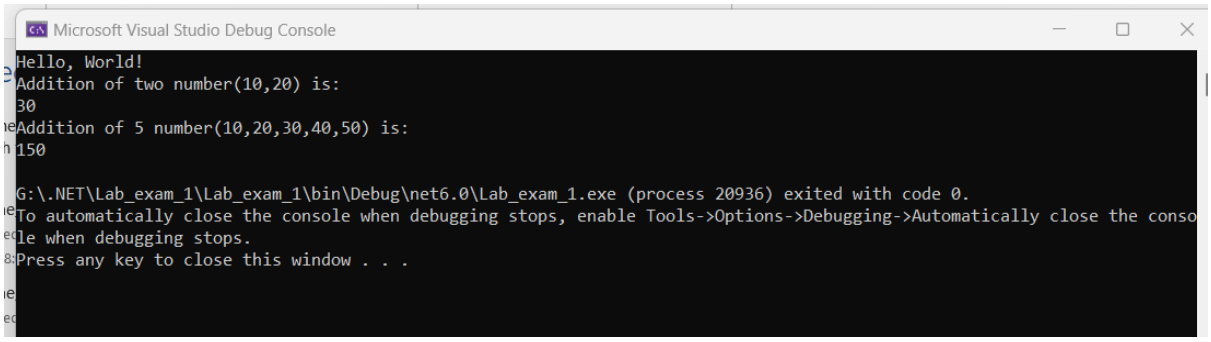
MAIN method;;

Name: - Nitin Sunil More
PRN: - 220960920048

```
namespace Lab_exam_1
{
    internal class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Hello, World!");
            Console.WriteLine("Addition of two number(10,20) is:");
            sum.Sum(10, 20);
            Console.WriteLine("Addition of 5 number(10,20,30,40,50) is:");
            sum.Sum(10, 20,30,40,50);
        }
    }
}
```

//////////////////////////

Output;;;;



II

Write a program to store names of students in a college using the generic collection

List<> and display the names

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

namespace Lab_exam_2
{
    internal class Student
    {
        public string Name { get; set; }
    }
}
```

Name: - Nitin Sunil More
PRN: - 220960920048

//////////////////////////

Main Method

```
namespace Lab_exam_2
{
    internal class Program
    {
        static void Main(string[] args)
        {
            Student s1 = new Student();
            Student s2 = new Student();
            Student s3 = new Student();
            Student s4 = new Student();
            Student s5 = new Student();

            List<Student> name = new List<Student>();
            s1.Name = "Rohan";
            s2.Name = "Nitin";
            s3.Name = "Sonam";
            s4.Name = "Bali";
            s5.Name = "Gulabjamun";

            name.Add(s1);
            name.Add(s2);
            name.Add(s3);
            name.Add(s4);
            name.Add(s5);

            var result = from s in name select s;

            foreach (Student s in result)
            {

                Console.WriteLine(s.Name);
            }


        }
    }
    }
```

//////////////////////////

Output:::

Name: - Nitin Sunil More
PRN: - 220960920048