

Form1

Enter No. Find

Add Add First Displav

Insert Sort Remove

label2

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace LinkedList
{
    public partial class Form1 : Form
    {
```

```

public Form1()
{
    InitializeComponent();
}

LinkedList<int> li = new LinkedList<int>();

private void button1_Click(object sender, EventArgs e)
{
    li.AddLast(Convert.ToInt32(textBox1.Text));
    textBox1.Clear();
    textBox1.Focus();
}

private void button2_Click(object sender, EventArgs e)
{
    StringBuilder sb = new StringBuilder();
    foreach (int s in li)
    {
        sb.Append("num " + s + "\n");
    }
    label2.Text = sb.ToString();
}

private void button3_Click(object sender, EventArgs e)
{
    LinkedListNode<int> node =
li.Find(Convert.ToInt32(textBox1.Text));
    // MessageBox.Show(node.ToString());
    li.AddBefore(node, 33);
}

```

```

        bool t = li.Contains(Convert.ToInt32(textBox1.Text));
        MessageBox.Show("found");

        /*
        if(li.Contains(textBox1.Text))
        {
            label2.Text = "found in collection";
        }
        else
        {
            label2.Text = "not found in collections";
        }
        */
    }

    private void button4_Click(object sender, EventArgs e)
    {

        /*
        li.Remove(textBox1.Text);
        textBox1.Clear();
        textBox1.Focus();
        */

    }

    private void button7_Click(object sender, EventArgs e)

```

```

{
    li.AddFirst(Convert.ToInt32(textBox1.Text));
    textBox1.Clear();
    textBox1.Focus();
}

private void button5_Click(object sender, EventArgs e)
{
    /*
        li.Insert(2, textBox1.Text);
        textBox1.Focus();
    */
}

private void button6_Click(object sender, EventArgs e)
{
    /*
        li.Sort();
    */
}
}
}

```