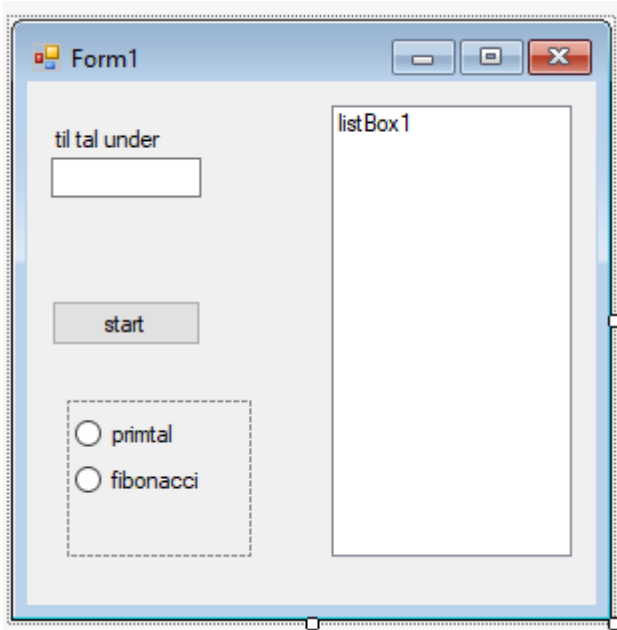


1B_win_primtal_fibonaccital



```
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 _1B_win_primtal
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            int[] fn = new int[1000];
            int antal;
            bool state;
            listBox1.Items.Clear();
            antal = Convert.ToInt32(textBox1.Text);
            if (radioButton1.Checked == true) // primtal
            {
                for (int i = 1; i < antal; i++)
                {
                    state = true;
                    for (int a = 2; a < i; a++)
                    {
                        if (i % a == 0) state = false;
                    }
                    if ((state == true) && (i != 2)) listBox1.Items.Add(i.ToString());
                }
            }
        }
    }
}
```

```
}
if (radioButton2.Checked == true) // fibonacci
{
    int i = 1;
    fn[0] = 0;
    fn[1] = 1;
    listBox1.Items.Clear();
    listBox1.Items.Add(fn[0].ToString());
    listBox1.Items.Add(fn[1].ToString());
    for (int j = 2; j < 100; j++)
    {
        fn[j] = fn[j - 1] + fn[j - 2];
        if (fn[j] < antal)
            listBox1.Items.Add(fn[j].ToString());
        else
            break;
    }
}
}
}
```