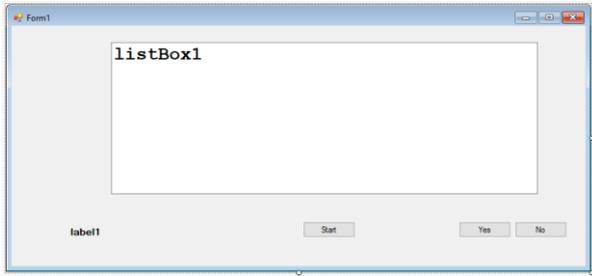
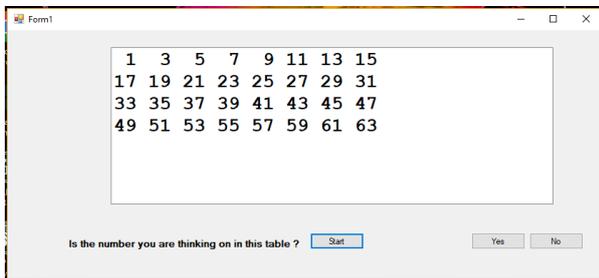


The six tables

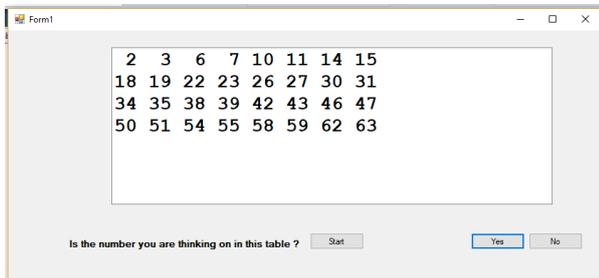
The design



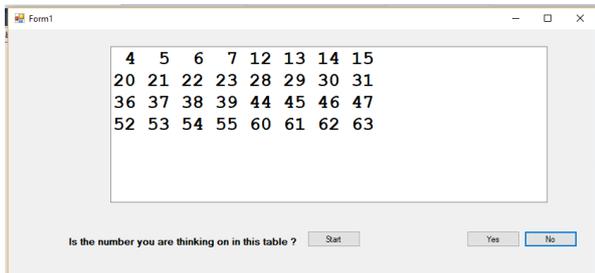
The 1. table



The 2. table



The 3. table



The 4. table

Form1

8	9	10	11	12	13	14	15		
24	25	26	27	28	29	30	31		
40	41	42	43	44	45	46	47		
56	57	58	59	60	61	62	63		

Is the number you are thinking on in this table ?

The 5. table

Form1

16	17	18	19	20	21	22	23		
24	25	26	27	28	29	30	31		
48	49	50	51	52	53	54	55		
56	57	58	59	60	61	62	63		

Is the number you are thinking on in this table ?

The 6. table

Form1

32	33	34	35	36	37	38	39		
40	41	42	43	44	45	46	47		
48	49	50	51	52	53	54	55		
56	57	58	59	60	61	62	63		

Is the number you are thinking on in this table ?

The result

Form1

You were thinking of 41

Is the number you are thinking on in this table ?

```

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 _2A_win_63numbers
{
    public partial class Form1 : Form
    {
        // Global variables
        int number; // number used to make the tables 1, 2, 4, 8, 16, 32
        int result = 0; // we add all the numbers where there was a yes

        public Form1() // the function that runs every time the program is started
        {
            InitializeComponent(); // building up the form
            label1.Text = "Please think of a number between 1 and 64"; //text
        }

        private void button1_Click(object sender, EventArgs e)
        {
            // the start button
            number = 1; //set the number to 1 for the first table
            result = 0; // reset the result
            label1.Text = "Is the number you are thinking on in this table ?";
            maketable(); // call the function to make a table
        }

        private void button2_Click(object sender, EventArgs e)
        {
            // yes
            result += number; // add the number to result
            number = number * 2; // get next number 2, 4, 8, 16, 32
            maketable(); // call the function to get the next table
        }

        private void button3_Click(object sender, EventArgs e)
        {
            // no
            number = number * 2; // get next number
            maketable(); // call the function to make the next table
        }
        private void maketable() // function to make a table
        {
            int count = 1; // used to count numbers in each line
            string str = ""; // string to create the line
            listBox1.Items.Clear(); // clear the listbox
            if (number == 64) // then game over
            {
                listBox1.Items.Add(""); // to show the result
                listBox1.Items.Add("");
                listBox1.Items.Add("");
                if(result==0)

```

