



## **Department of Software Engineering**

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**Roll no :2021-BSE-032**

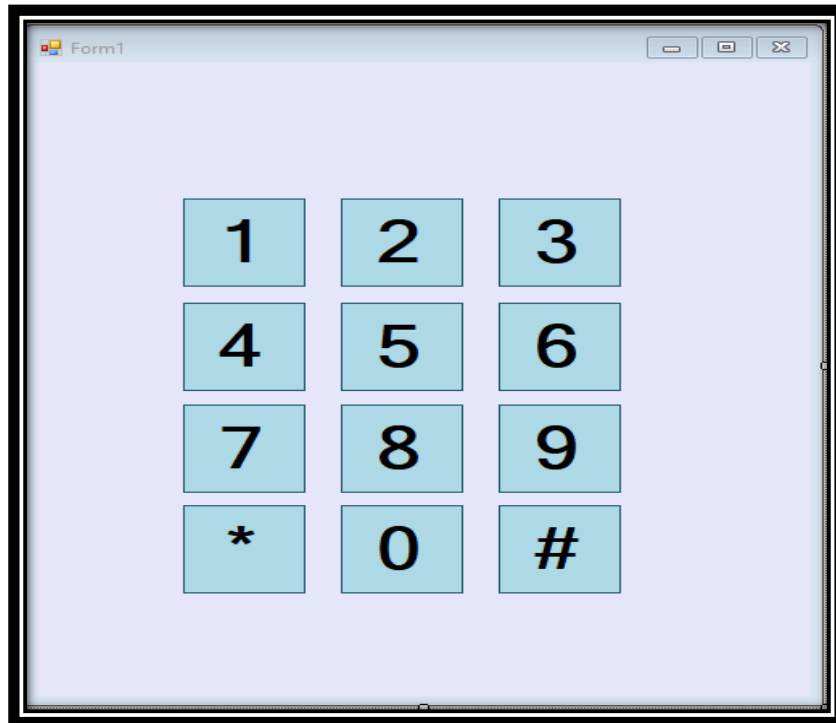
**Course :Human Computer Interaction**

**Date: 6th December 2024**

**“Lab 1”**

## **Task 1:**

*Create a GUI c# form Application which have 12 buttons (0 – 9), \*,# (Like mobile Dialpad) Whatever button is pressed by user Message should be displayed*



```
Form1.cs Form1.cs [Design]
labbi1.Form1
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;

namespace labbi1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            MessageBox.Show("YOU HAVE PRESSED 1");
        }

        private void button9_Click(object sender, EventArgs e)
        {
            MessageBox.Show("YOU HAVE PRESSED 2");
        }

        private void button8_Click(object sender, EventArgs e)
        {
            MessageBox.Show("YOU HAVE PRESSED 3");
        }

        private void button7_Click(object sender, EventArgs e)
        {
            MessageBox.Show("YOU HAVE PRESSED 4");
        }

        private void button2_Click(object sender, EventArgs e)
        {
            MessageBox.Show("YOU HAVE PRESSED 5");
        }

        private void button6_Click(object sender, EventArgs e)
        {
            MessageBox.Show("YOU HAVE PRESSED 6");
        }

        private void button5_Click(object sender, EventArgs e)
        {

```

```
        private void button5_Click(object sender, EventArgs e)
        {
            MessageBox.Show("YOU HAVE PRESSED 7");
        }

        private void button4_Click(object sender, EventArgs e)
        {
            MessageBox.Show("YOU HAVE PRESSED 8");
        }

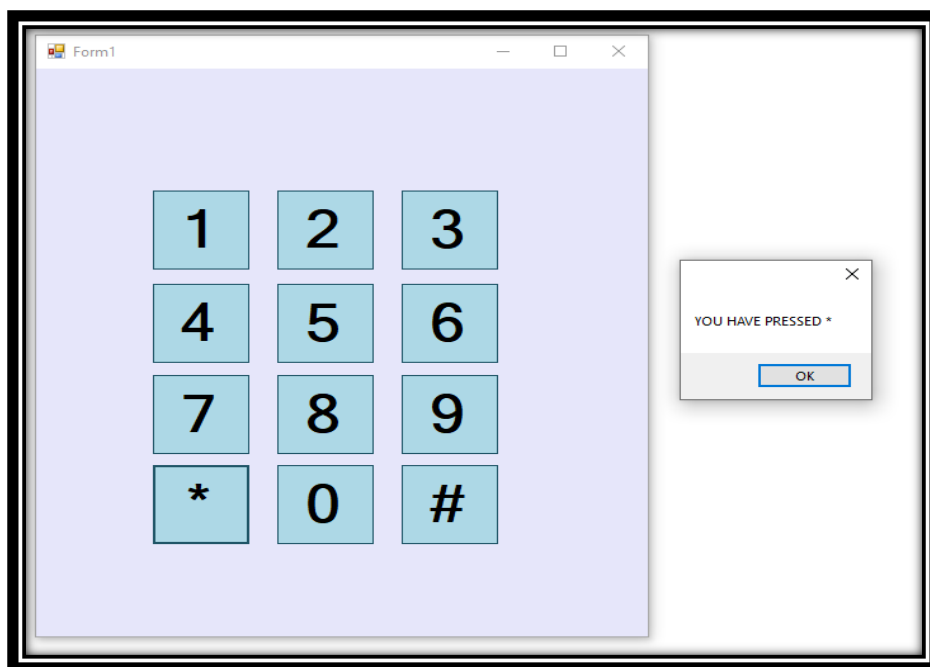
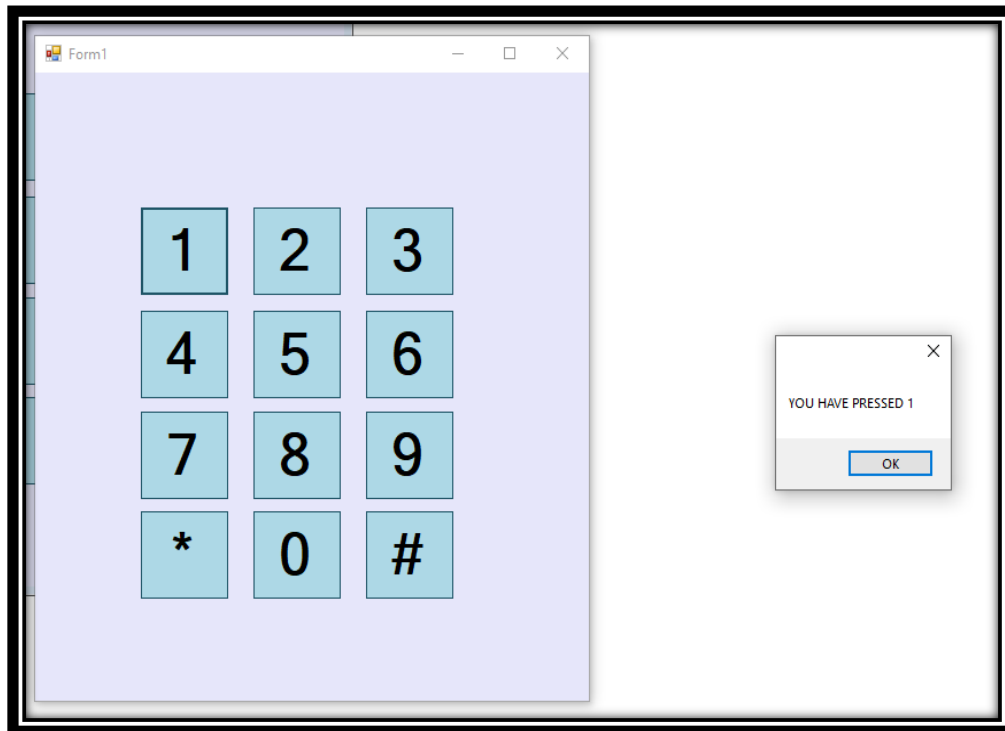
        private void button3_Click(object sender, EventArgs e)
        {
            MessageBox.Show("YOU HAVE PRESSED 9");
        }

        private void button11_Click(object sender, EventArgs e)
        {
            MessageBox.Show("YOU HAVE PRESSED 0");
        }

        private void button12_Click(object sender, EventArgs e)
        {
            MessageBox.Show("YOU HAVE PRESSED *");
        }

        private void button10_Click(object sender, EventArgs e)
        {
            MessageBox.Show("YOU HAVE PRESSED #");
        }
    }
}
```

## OUTPUT:



## TASK 2:

*Create a GUI c# form Application which have at least 6 icons as a button, Whatever button is pressed user message is displayed*



```
task2.Form1
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;

namespace task2
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            MessageBox.Show("INSTAGRAM SUCCESFULLY INSTALLED");
        }

        private void button6_Click(object sender, EventArgs e)
        {
            MessageBox.Show("WHATSAPP SUCCESFULLY INSTALLED");
        }

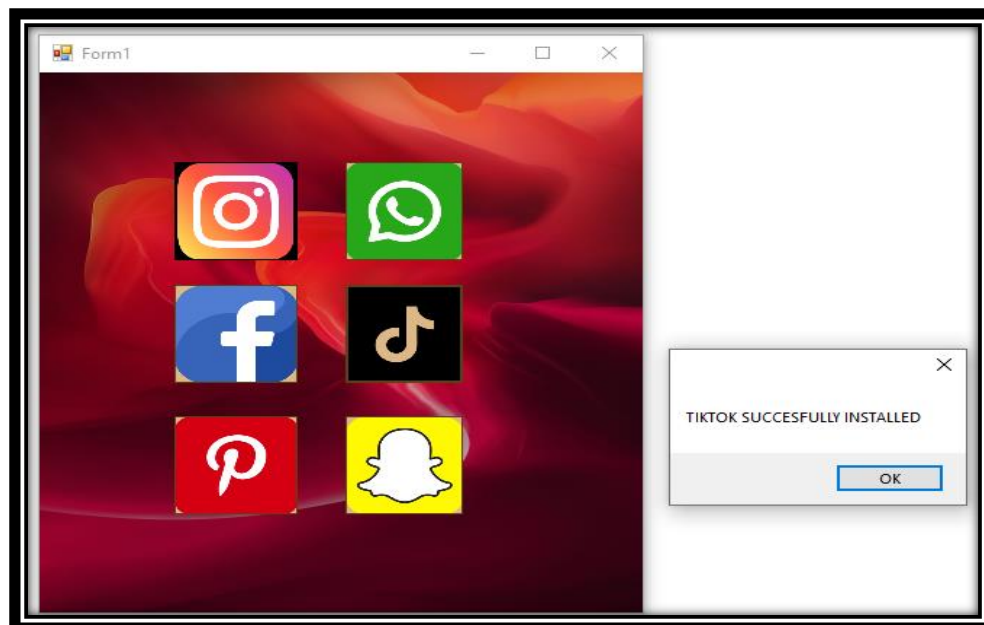
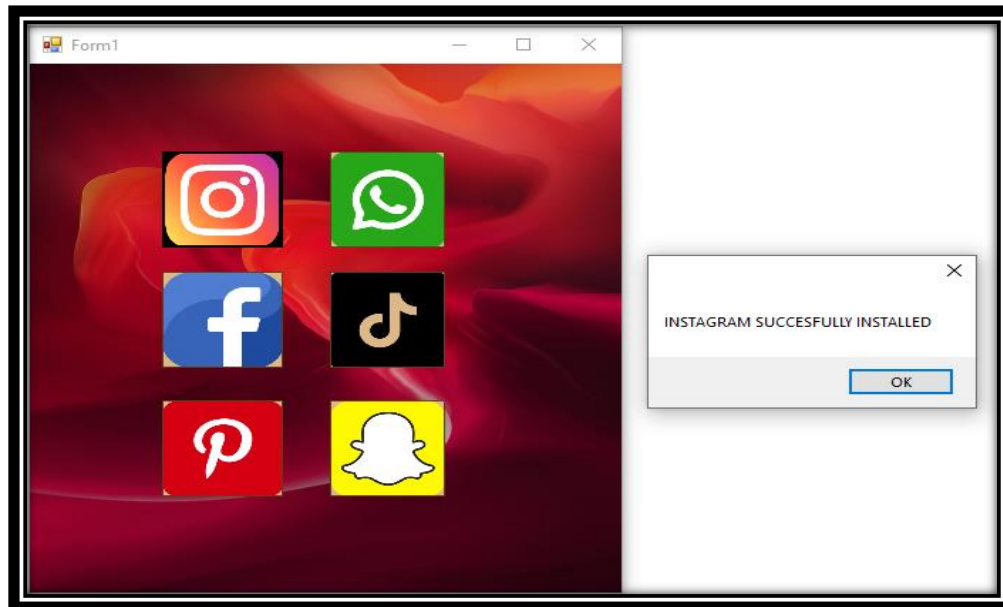
        private void button4_Click(object sender, EventArgs e)
        {
            MessageBox.Show("FACEBOOK SUCCESFULLY INSTALLED");
        }

        private void button3_Click(object sender, EventArgs e)
        {
            MessageBox.Show("TIKTOK SUCCESFULLY INSTALLED");
        }

        private void button5_Click(object sender, EventArgs e)
        {
            MessageBox.Show("PINTEREST SUCCESFULLY INSTALLED");
        }

        private void button2_Click(object sender, EventArgs e)
        {
            MessageBox.Show("SNAPCHAT SUCCESFULLY INSTALLED");
        }
    }
}
```

### Output:



### Task3:

Create a GUI c# form Application which take following data as input

Name  
Reg #  
Semester  
CGPA  
Subject

***Credit hours***

***There should be a button (SAVE) in the application against each, when user press save button, data entered by user should be saved in some variable(s) (Apply variable conversion where applicable) There should also be a (DISPLAY) button when pressed should display all the data in one messagebox.***

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;
namespace ass
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        private void label1_Click(object sender, EventArgs e)
        {
        }
        private void label4_Click(object sender, EventArgs e)
        {
        }
        private void label5_Click(object sender, EventArgs e)
        {
        }
        private void textBox1_TextChanged(object sender, EventArgs e)
        {
        }
        private void textBox2_TextChanged(object sender, EventArgs e)
        {
        }
        private void label6_Click(object sender, EventArgs e)
        {
        }
    }
}
```

```
private void textBox3_TextChanged(object sender, EventArgs e)
{
}
private void textBox4_TextChanged(object sender, EventArgs e)
{
}
private void textBox6_TextChanged(object sender, EventArgs e)
{
}
private void textBox5_TextChanged(object sender, EventArgs e)
{
}
private void Form1_Load(object sender, EventArgs e)
{
}
private void button2_Click(object sender, EventArgs e)
{
    string temp1 = textBox1.Text;
    string temp2 = textBox2.Text;
    string temp3 = textBox3.Text;
    string temp4 = textBox4.Text;
    string temp5 = textBox5.Text;
    string temp6 = textBox6.Text;
    MessageBox.Show(temp1 + Environment.NewLine + temp2 + Environment.NewLine +
temp3 + Environment.NewLine + temp4 + Environment.NewLine + temp5 +
Environment.NewLine +
temp6);
}
private void button3_Click(object sender, EventArgs e)
{
    MessageBox.Show("All values are saved ");
}
private void button6_Click(object sender, EventArgs e)
{
    MessageBox.Show("All values are saved ");
}
private void button5_Click(object sender, EventArgs e)
{
    MessageBox.Show("All values are saved ");
}
```



```

private void button4_Click(object sender, EventArgs e)
{
    MessageBox.Show("All values are saved ");
}
private void button8_Click(object sender, EventArgs e)
{
    MessageBox.Show("All values are saved ");
}
private void button7_Click(object sender, EventArgs e)
{
    MessageBox.Show("All values are saved ");
}
}
}
}

```

### Output:

The screenshot displays a Windows application window titled "Form1". The form has a colorful, abstract background. It contains several input fields with labels: "Name:" (Tanzeela Asghar), "Reg #:" (2021-BSE-032), "Semester:" (6th-A), "CGPA:" (3.2), "Subject:" (HCI), and "Credit hrs:" (2). Each input field has a corresponding "Save" button to its right. At the bottom center of the form is a red "Display" button. To the right of the main form, a small dialog box is open, displaying the entered information: "Tanzeela Asghar", "2021-BSE-032", "6th-A", "3.2", "2", and "HCI". The dialog box has an "OK" button at the bottom.