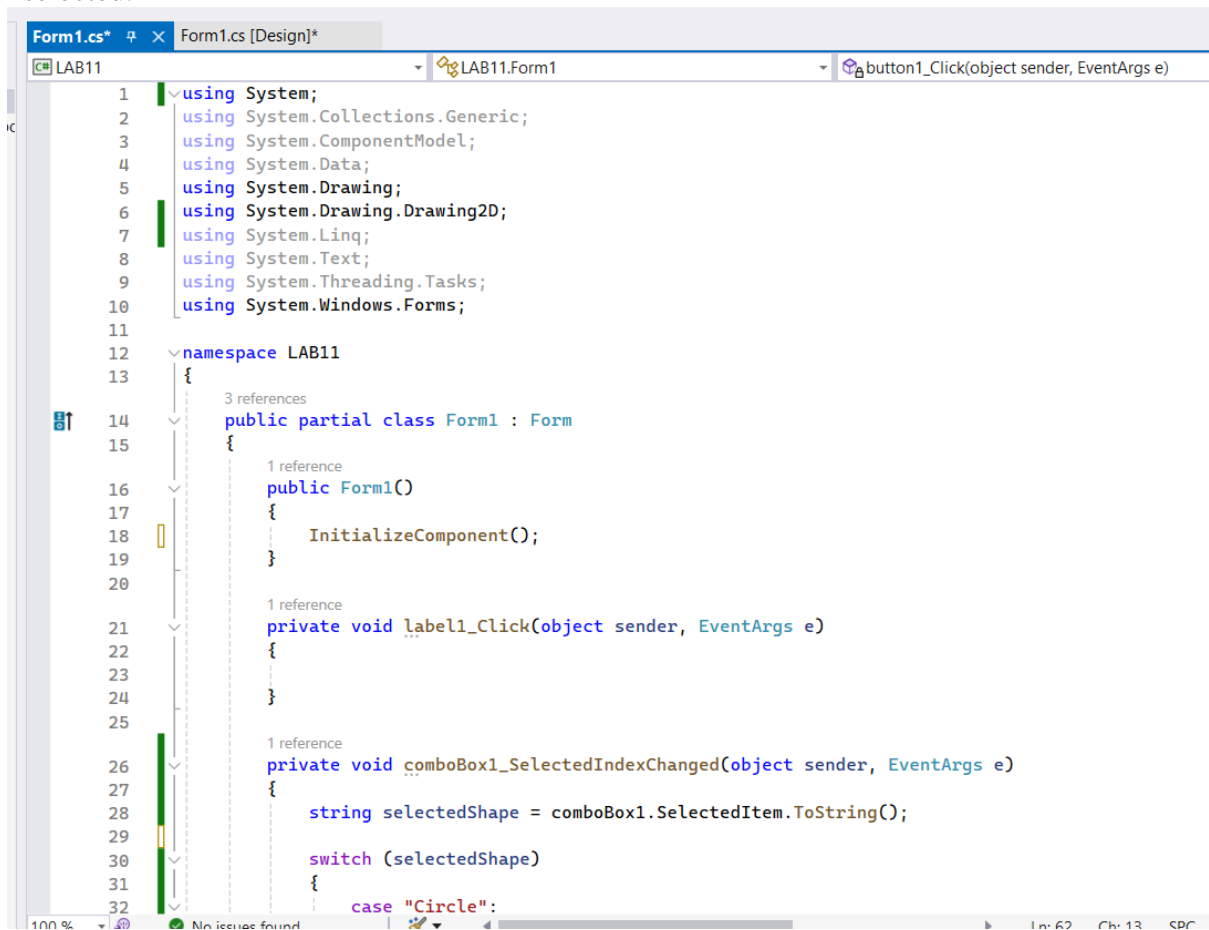# EPAM- LAB11

1) Develop windows forms application for the following requirements: i) Form contains one ComboBox with contains the items like circle, ellipse and triangle. So Design the logic to change the shape of the form based on user selection in the combobox. ii) Design the logic to display all the font names in a ListBox. Then show the preview in a label when font is selected.

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Drawing.Drawing2D;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace LAB11
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void label1_Click(object sender, EventArgs e)
        {

        }

        private void comboBox1_SelectedIndexChanged(object sender, EventArgs e)
        {
            string selectedShape = comboBox1.SelectedItem.ToString();

            switch (selectedShape)
            {
                case "Circle":
```

```
37              break;
38          case "Ellipse":
39              this.FormBorderStyle = FormBorderStyle.None;
40              this.BackColor = Color.DarkBlue;
41              this.Width = 700;
42              this.Height = 1000;
43              this.Region = new Region(new Rectangle(0, 0, this.Width, this.Height));
44              break;
45          case "Triangle":
46              this.FormBorderStyle = FormBorderStyle.None;
47              this.BackColor = Color.Green;
48              this.Width = this.Height = 1200;
49              Point[] points = { new Point(150, 0), new Point(0, 300), new Point(300, 300) };
50              this.Region = new Region(new GraphicsPath(new Point[] { points[0], points[1], po
51              break;
52          default:
53              break;
54          }
55      }
56
        1 reference
57      private void button1_Click(object sender, EventArgs e)
58      {
59          string textToAdd = textBox2.Text;
60
61          comboBox1.Items.Add(textToAdd);
62
63          textBox2.Clear();
64      }
65
66   }
67 }
68
69
```
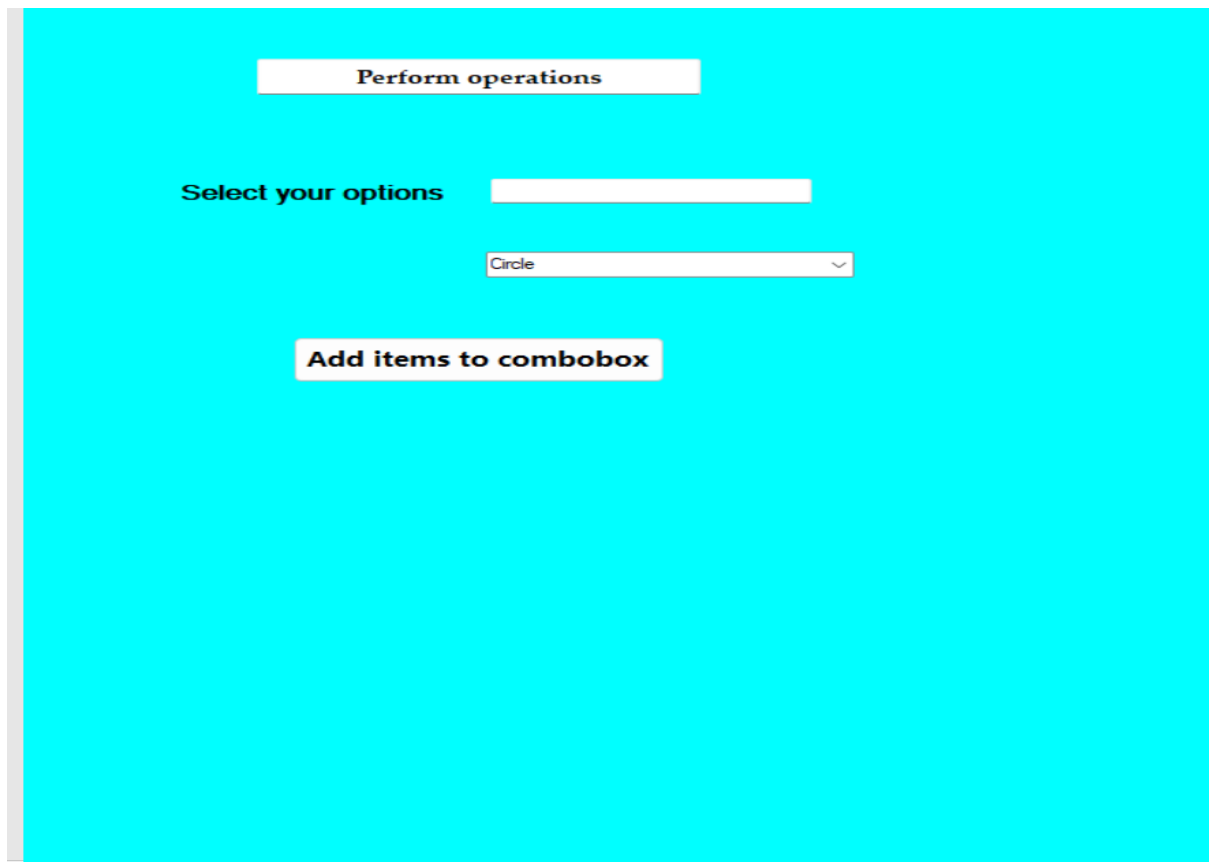
OUTPUT:

Form1 — □ ×

Perform operations

Select your options

Add items to combobox

Add "Circle" in select your options textbox and click on add items to combo box the item is added and select "Circle" and you will see the change in colour and font the windows form
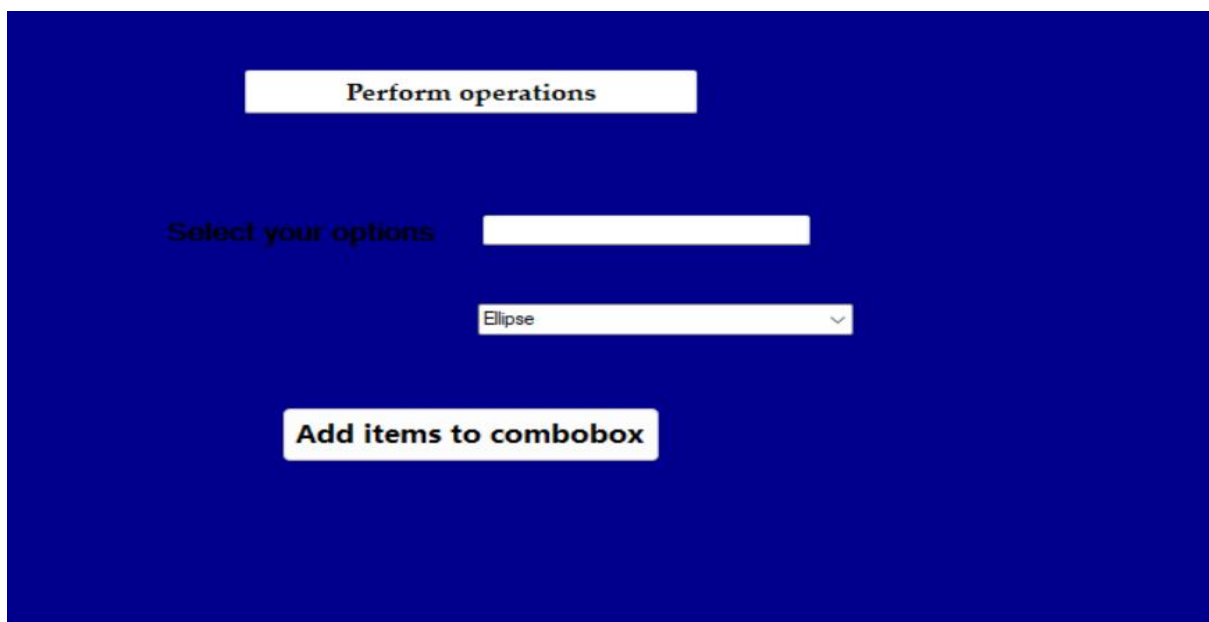

Add "Ellipse" in select your options textbox and click on add items to combo box the item is added and select "Ellipse" and you will see the change in colour and font the windows form