

## **Faculty of Technology**

University of Sri Jayewardenepura

# Discussion Topics Visual Application and Development ITC 2303

Lecturer

Mrs. Nirasha

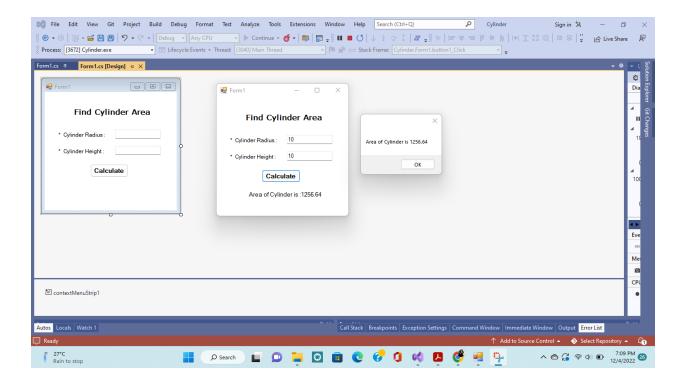
Name: Dharmakeerthi MPBM

**Index No:** ICT/20/832

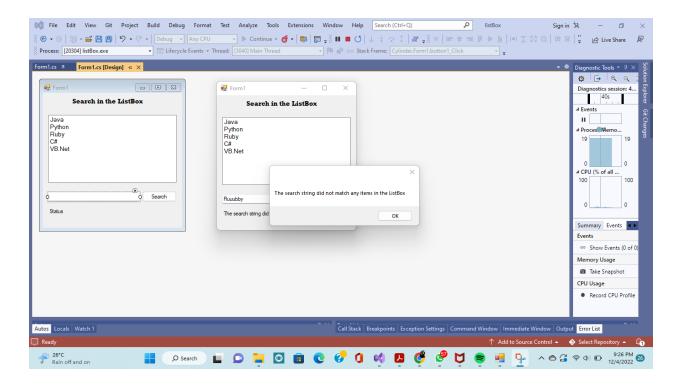
**Date:** 7-12-2022

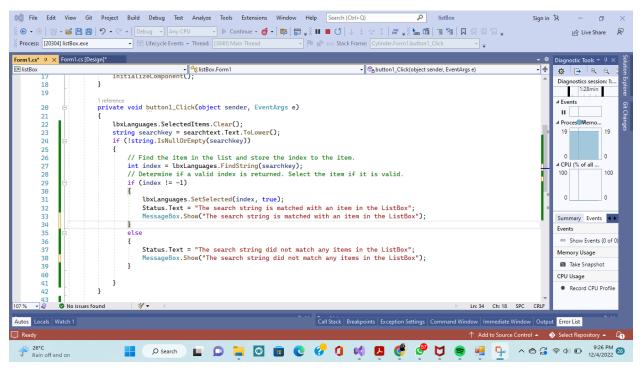
```
01.
```

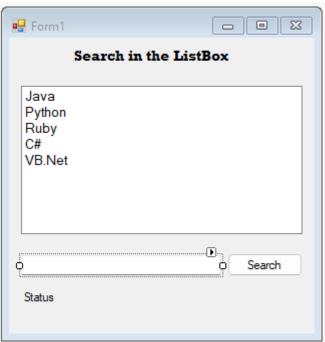
```
1 reference
private void button1_Click(object sender, EventArgs e)
{
    // 2πr(r + h)
    double radius, CyArea, Height;
    radius = Convert.ToDouble(tbxradius.Text);
    Height=Convert.ToDouble(tbxheight.Text);
    CyArea = Math.Round(2 * Math.PI * radius * (radius + Height),2);
    area.Text = "Area of Cylinder is :" + CyArea.ToString();
    MessageBox.Show("Area of Cylinder is " + CyArea);
}
```



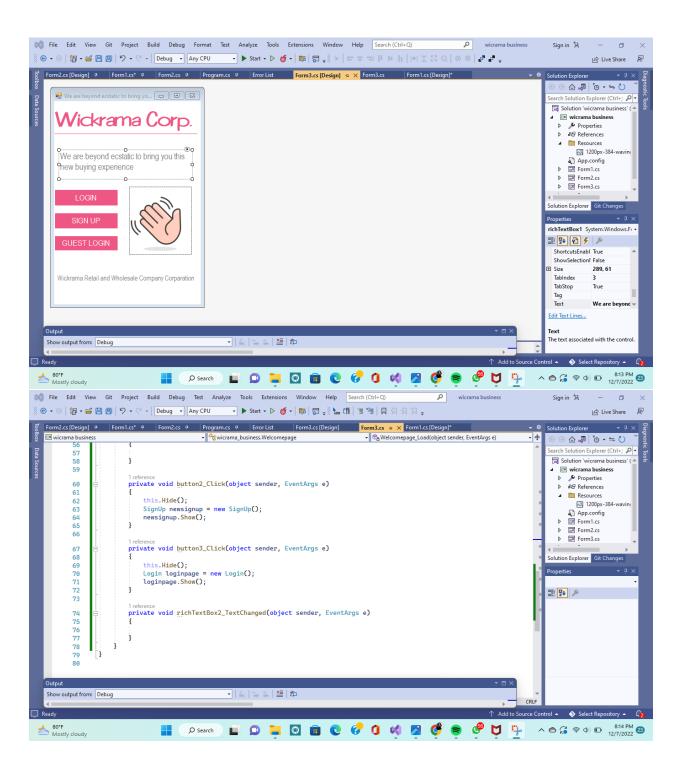
```
1 reference
private void button1_Click(object sender, EventArgs e)
{
    // 2πr(r + h)
    double radius, CyArea, Height;
    radius = Convert.ToDouble(tbxradius.Text);
    Height=Convert.ToDouble(tbxheight.Text);
    CyArea = Math.Round(2 * Math.PI * radius * (radius + Height),2);
    area.Text = "Area of Cylinder is :" + CyArea.ToString();
    MessageBox.Show("Area of Cylinder is " + CyArea);
}
```







### Welcome page



#### Programpage.cs

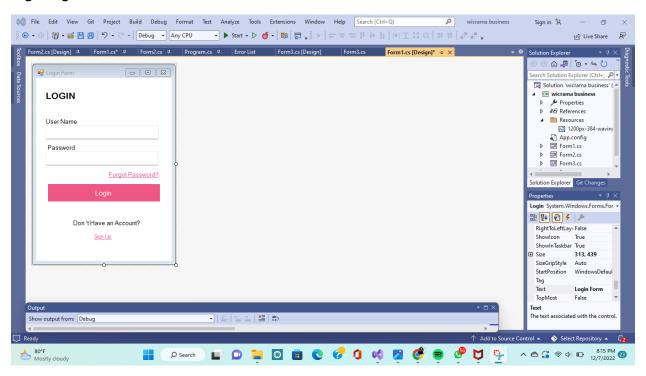
```
📢 File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q)
                                                                                                                                                     Sign in <sup>†</sup>R − □ ×
                                                                                                                   wicrama business
※ ⑥ → ◎ | ‰ → ≅ 🖁 📳 | り → ┌ → | Debug → Any CPU → ▶ Start → ▷ 🍎 → | 酃 | 罰 및 🦫 և [[ | 雪 殭 | 风 気 気 闪 및
                                                                                                                                                                🖻 Live Share 🛮 👨
  Form2.cs [Design] # Form1.cs* # Form2.cs # Program.cs # X Error List Form3.cs [Design]
                                                                                             Form3.cs
                                                                                                                                                  Solution Explorer
                                                ▼ %wicrama_business.Program
                                                                                               - ®<sub>B</sub>Main(
                                                                                                                                                       using System;
using System.Collections.Generic;
using System.Linq;
using System.Threading.Tasks;
                                                                                                                                                    earch Solution Explorer (Ctrl+; 🔎 🕶
                                                                                                                                                    Solution 'wicrama business' (

▲ 

wicrama business

                                                                                                                                                      ▶ Properties
▶ & References
                  using System.Windows.Forms;
                 ⊡namespace wicrama_business
                                                                                                                                                      1200px-384-waving
                                                                                                                                                        App.config
                       internal static class Program
           10
11
12
13
14
                                                                                                                                                        Form2.cs
                           /// <summary>
/// The main entry point for the application.
                                                                                                                                                        Form3.cs
                           /// </summary>
[STAThread]
                                                                                                                                                   Solution Explorer Git Chan
                           static void Main()
           15
           16
17
                               Application.EnableVisualStyles();
                                                                                                                                                   Application.SetCompatibleTextRenderingDefault(false);
Application.Run(new Welcomepage());
               Show output from: Debug
                                                       - | ≗ | ≐ = | ≥ | •□
                                                                                                                                  ↑ Add to Source Control 🔺 🔷 Select Repos
                                                      O Search
```

#### **Login Page**



```
[1] File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q)
                                                                                                                                                        Sign in <sup>†</sup>2 − □ ×
| § ⊕ ▼ ⊕ | %p ▼ 🚅 💾 😕 | 5/ ▼ ♥ ▼ | Debug ▼ | Any CPU ▼ ▶ Start ▼ ▷ 🎸 ▼ | 📭 | 👼 ↓ 🦫 Lff | 🖫 🧏 | 📮 🗒 🗒 🦏 🦏
                                                                                                                                                                   🖒 Live Share 🛮 👨
   Form2.cs [Design] # Form1.cs* # X Form2.cs # Program.cs # Error List Form3.cs [Design]
                                                                                              Form3.cs Form1.cs [Design]*
                                                                                                                                                         private void btnLogin_Click(object sender, EventArgs e)
                                                                                                                                                        earch Solution Explorer (Ctrl+; 🔑 🕶
            57
58
                                                                                                                                                       Solution 'wicrama business' (
                                string username =txtbxusername.Text;
string password =txtbxpassword.Text;

▲ ○ wicrama business

            59

    ▶ Properties

           60
61
62
63
64
65
66
67
68
69
70
71
72
73
                                                                                                                                                           & References
                              if(username == "" || username == " " )
                                                                                                                                                              1200px-384-wavin
                MessageBox.Show("Enter your User Name Here !");
                                                                                                                                                           App.config
                                     txtbxusername.Focus();
                П
                                 else if(password == "" || password== " ")
                                                                                                                                                         Form3.cs
                                     MessageBox.Show("Enter your Password Here !");
txtbxusername.Focus();
                                                                                                                                                       Solution Explorer Git Chang
                                                                                                                                                      private void linkLabel1_LinkClicked(object sender, LinkLabelLinkClickedEventArgs e)
           74
75
76
77
78
79
80
                                this.Hide():
                                SignUp newsignup = new SignUp();
newsignup.Show();
    Show output from: Debug
                                                         - | <u>≗</u> | <u>≒</u> <u>⇒</u> | <u>¥</u> | <u>№</u>
                                                                                                                                      🕂 Add to Source Control 🔺 , Select Repository 🔺 🗘
```

#### Signup Page

