



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

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01.

Employee Registration form

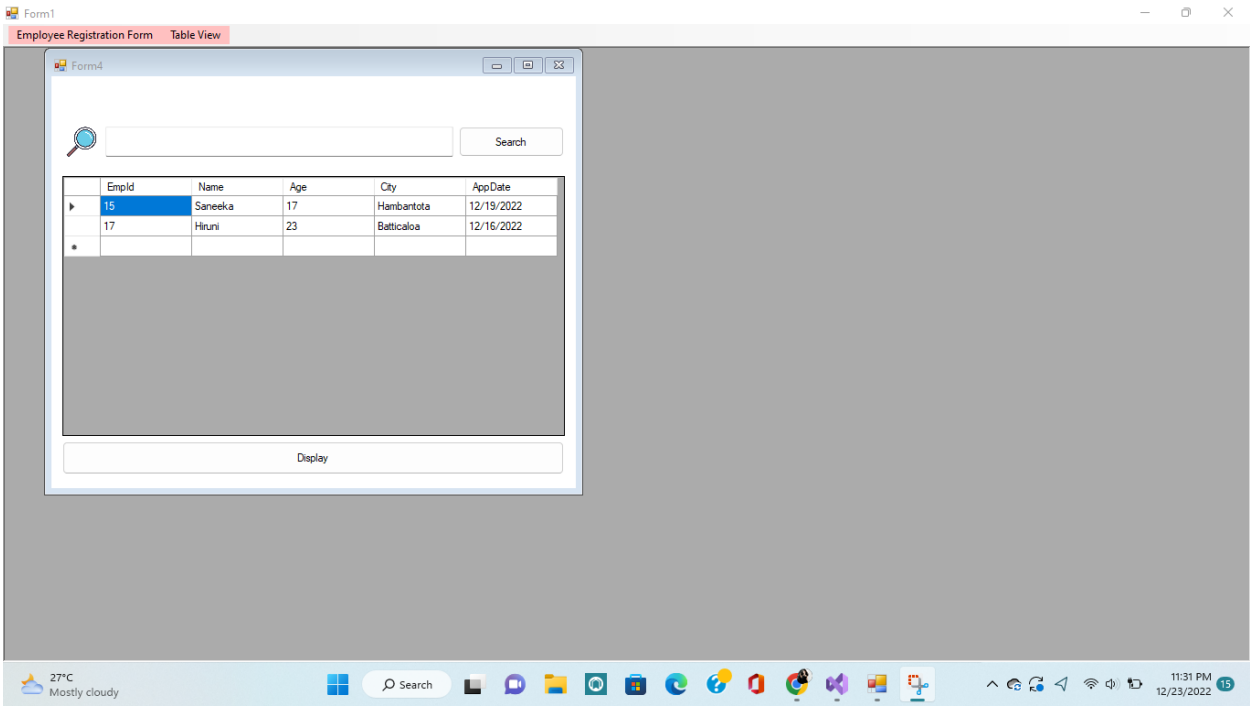
The screenshot shows a Windows application window titled "Form1" with a tab labeled "Employee Registration Form" and "Table View". Inside the window is a smaller window titled "Form2" which contains the registration form. The form has the following fields: "Emp. ID" (text box), "Name" (text box), "Age" (text box), "City" (text box), "Appointment Date" (calendar picker showing 12/23/2022), and a "Register" button. The Windows taskbar at the bottom shows the date and time as 11:22 PM on 12/23/2022.

Code

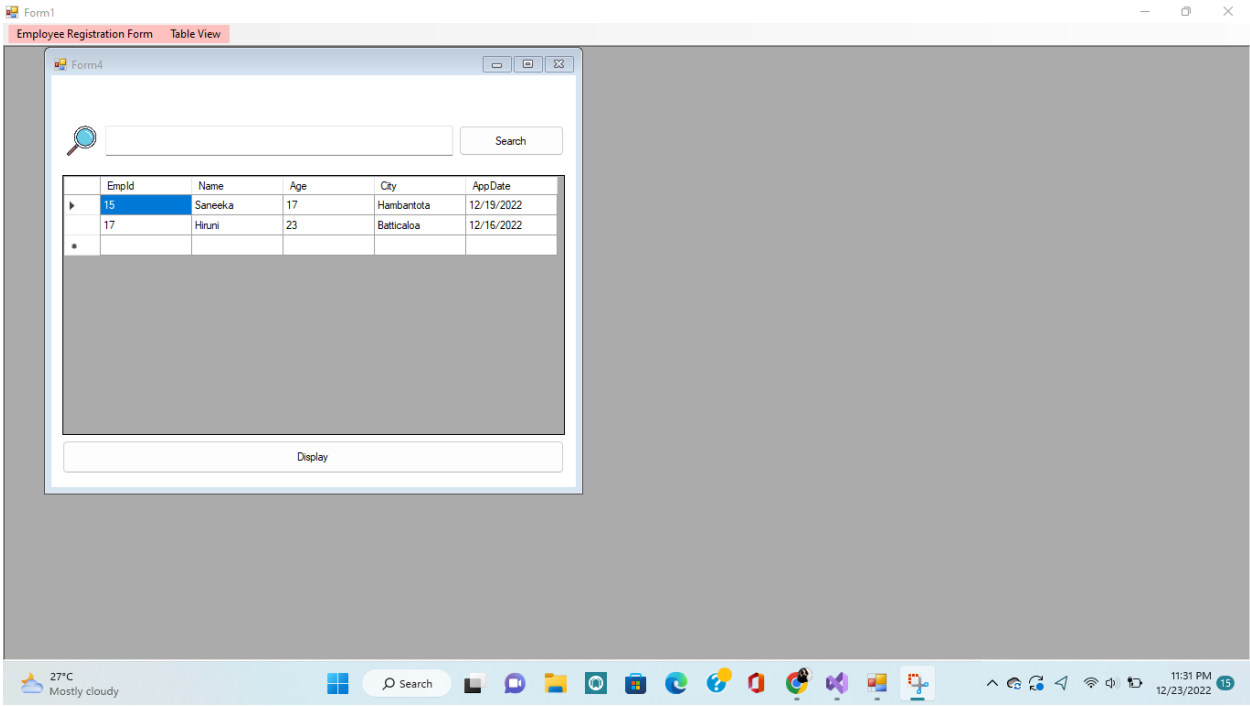
The screenshot shows the Visual Studio IDE with the C# code for the "EmpRegForm" class. The code is as follows:

```
15 public partial class EmpRegForm : Form
16 {
17     static SqlConnection myConn = new SqlConnection(@"Data Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\methn\OneDrive\Documents\LAB7.mdf;Integrated Security=True;User Instance=True");
18     public EmpRegForm()
19     {
20         InitializeComponent();
21     }
22
23     private void textBox1_TextChanged(object sender, EventArgs e)
24     {
25     }
26
27     private void button1_Click(object sender, EventArgs e)
28     {
29         try
30         {
31             myConn.Open();
32             SqlCommand cmd = myConn.CreateCommand();
33             cmd.CommandType = CommandType.Text;
34             cmd.CommandText = "INSERT INTO [empTable]([EmpId],[Name],[Age],[City],[AppDate]) values ('" + textBox1.Text + "','" + textBox2.Text + "','" + textBox3.Text + "','" + textBox4.Text + "','" + textBox5.Text + "')";
35             cmd.ExecuteNonQuery();
36             MessageBox.Show("Data INSERTED Successfully");
37         }
38         catch (Exception ex)
39         {
40             MessageBox.Show(ex.Message);
41         }
42     }
43
44     private void Execute_Close_Clear_TextBoxes()
45     {
46         myConn.Close();
47         textBox1.Clear();
48         textBox2.Clear();
49         textBox3.Clear();
50         comboBox1.ResetText();
51         dateTimePicker1.ResetText();
52         var displayD = new TableView();
53         displayD.Display_Data();
54     }
55 }
```

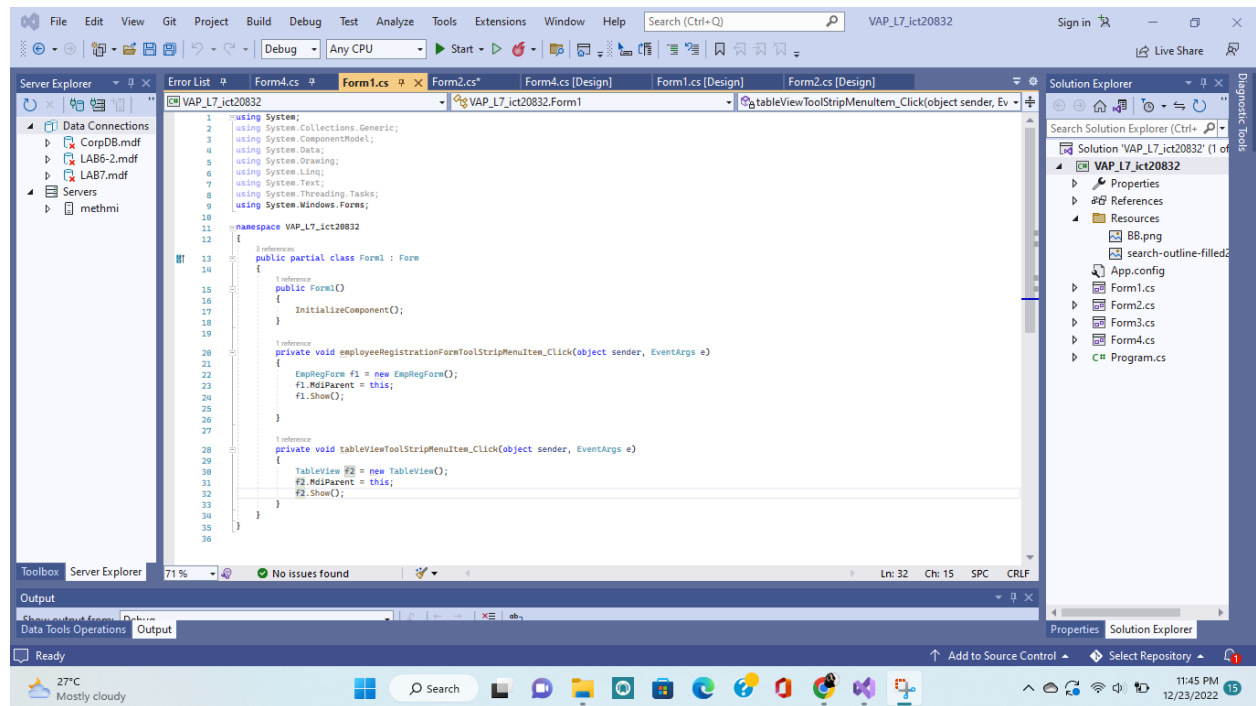
Table View



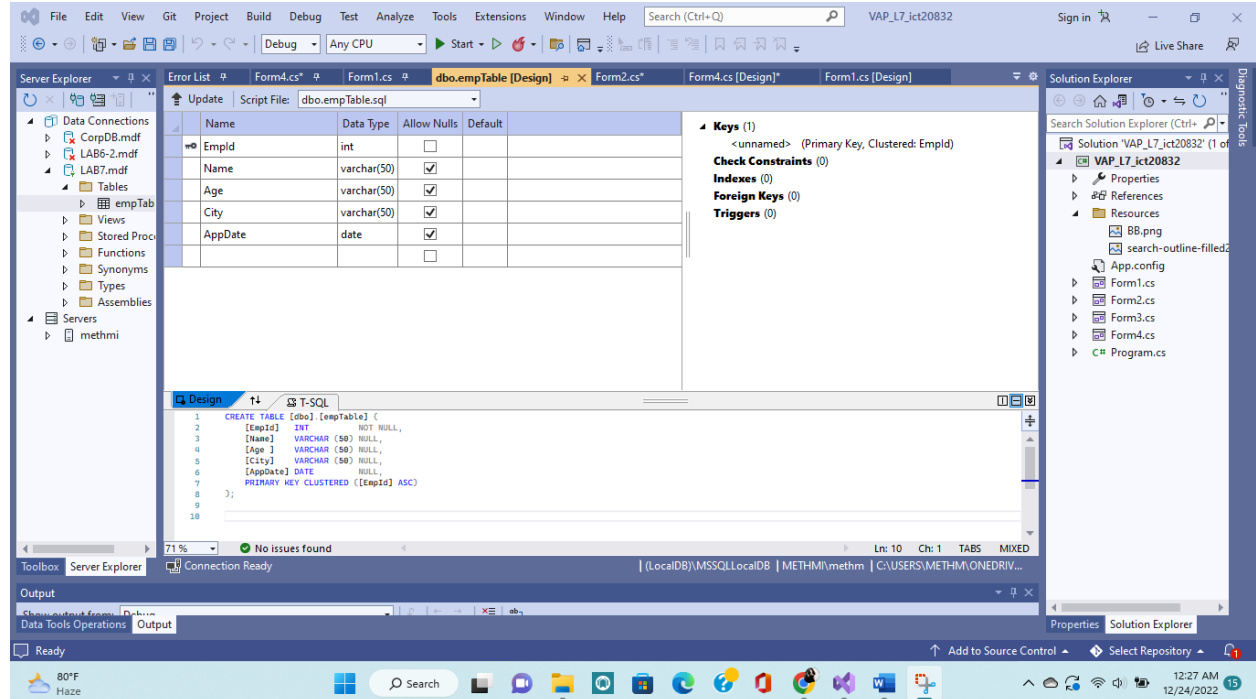
Code



Parent Class Code



Database



2.

Visual studio 2022 do not support to cystal reports