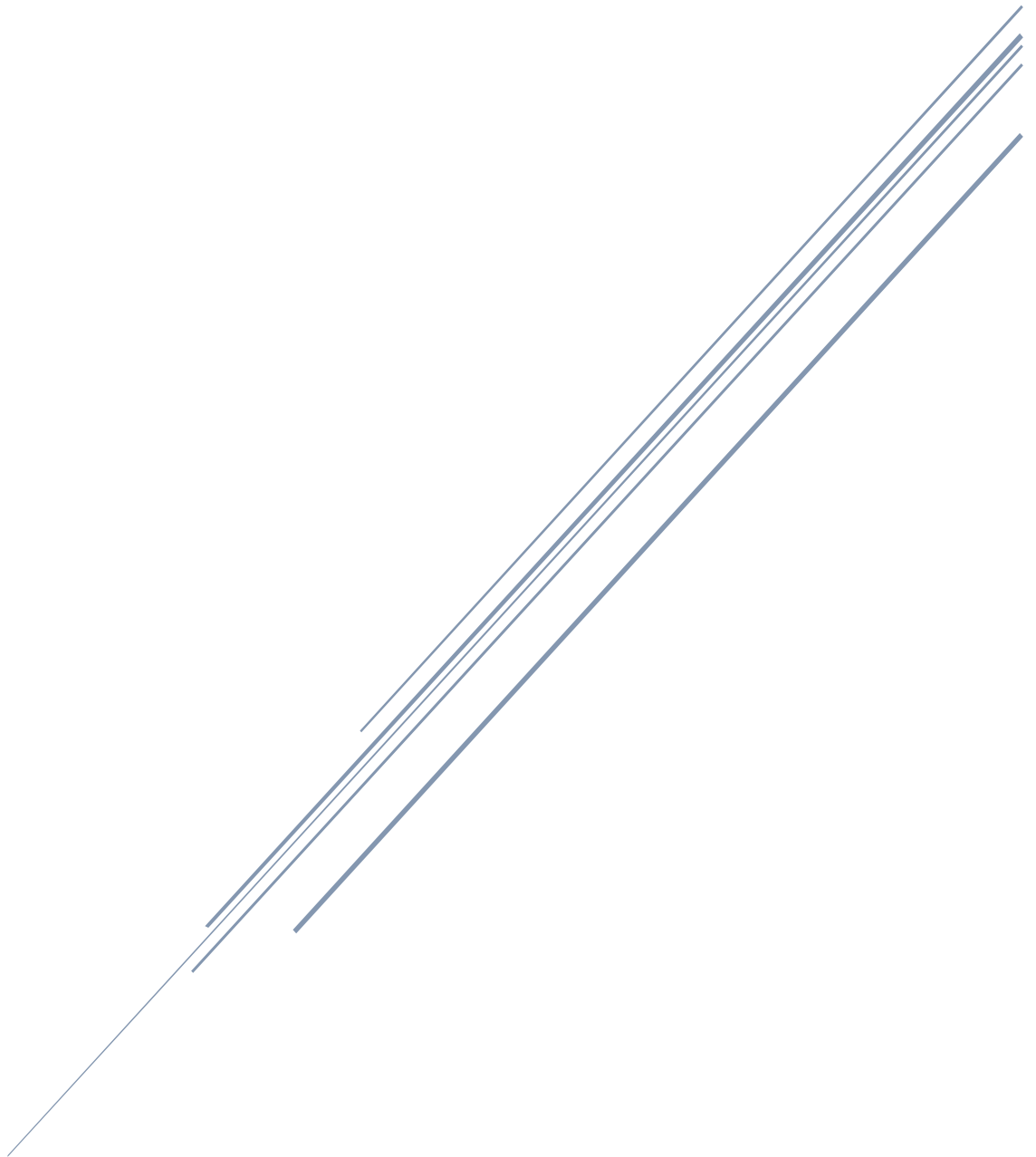


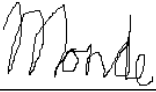
C# FORMATIVE 3

Monde Mkhize 20231733



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Faculty of Information Technology									
<p>I declare that I am familiar with, and will abide to the Examination rules of CTU</p> <p></p> <p>Signature</p>	<p>SUBJECT NAME: Programming with C# SUBJECT CODE: PRG512</p>								
	<p>C# Formative 3 Duration: Date: Total Marks: Total pages:</p>				<p>Examiner: Mr. Junior Manganyi</p>				
	<p>Student number 20231733</p>								
	<p>Surname: Mkhize</p>				<p>Initials: ME</p>		<p>/</p>		<p>%</p>

PROGRAM CODE

Form1.cs

```
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 C_FA3
{
    public partial class Form1 : Form
    {
        public static string outputTxt = "";
        public Form1()
        {
            InitializeComponent();
        }

        private void submitBtn_Click(object sender, EventArgs e)
        {
            double salesDouble = double.Parse(salesAmnt.Text);
            double taxDouble = Decimal.ToDouble(salesTaxAmnt.Value);
            double tax = Math.Round((Double)taxDouble / 100 * salesDouble, 2);
            double newSales = Math.Round((Double)salesDouble + tax, 2);
            outputTxt = "Tax on R"+salesAmnt.Text+" at " + salesTaxAmnt.Value+"% is
R"+tax+"\n\nThe total is R"+newSales;
            Form2 form2 = new Form2();
            form2.Show();
        }

        private void exitBtn_Click(object sender, EventArgs e)
        {
            this.Close();
        }

        private void clearBtn_Click(object sender, EventArgs e)
        {
            this.salesTaxAmnt.Value = 0;
            this.salesAmnt.Text = "";
        }
    }
}
```

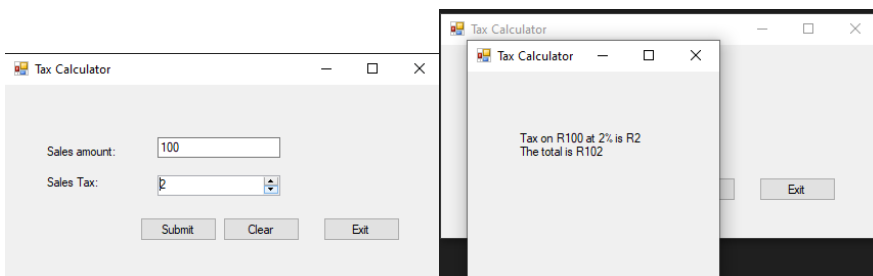
Form2.cs

```
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 C_FA3
```

```
{  
    public partial class Form2 : Form  
    {  
        public Form2()  
        {  
            InitializeComponent();  
        }  
  
        private void Form2_Load(object sender, EventArgs e)  
        {  
            outLabel.Text = Form1.outputTxt;  
        }  
    }  
}
```

OUTPUT SCREENSHOTS



COMPLETED DECLARATION OF AUTHENTICITY

I, Monde Mkhize hereby

declare that the contents of this assignment is entirely my own work except for the following documents: (List the documents and page numbers of work in this portfolio that were generated in a group)

Activity	Date

Signature: Monde

Date: 24 May 2023

BIBLIOGRAPHY

There are no sources in the current document.