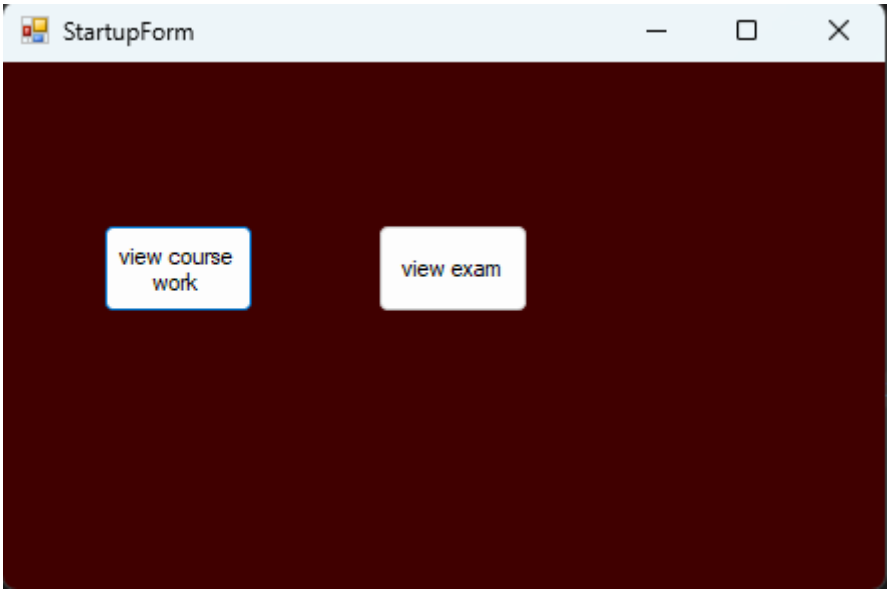
Startup form.cs code

```
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 CourseworkResultsApp
{
    public partial class StartupForm : Form
    {
        public StartupForm()
        {
            InitializeComponent();
        }

        private void btnViewCourseworkResults_Click(object sender, EventArgs e)
        {
            // Show ViewCourseworkResultsForm
            var courseworkForm = new ViewCourseworkResultsForm();
            courseworkForm.ShowDialog();
        }

        private void StartupForm_Load(object sender, EventArgs e)
        {

        }

        private void btnViewExamResults_Click(object sender, EventArgs e)
        {
            // Show ViewExamResultsForm
            var examForm = new ViewExamResultsForm();
            examForm.ShowDialog();
        }
    }
}
```

Startup form.cs design

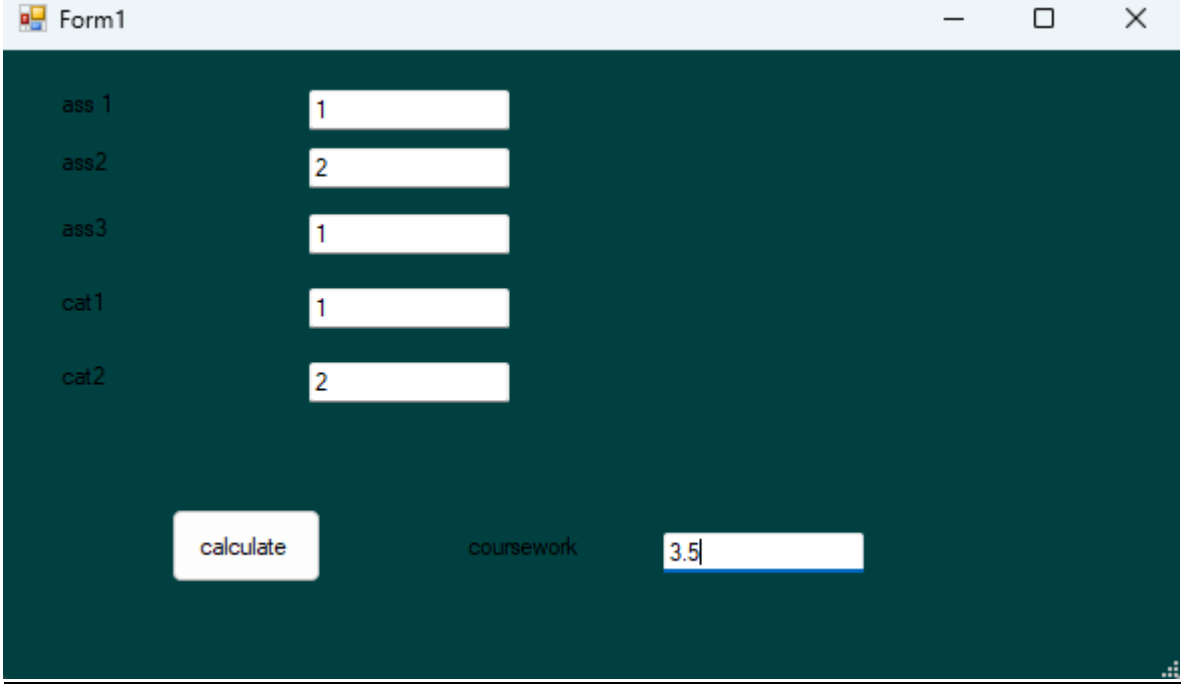


View course work results.cs code

```
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 CourseworkResultsApp
{
    public partial class ViewCourseworkResultsForm : Form
    {
        public ViewCourseworkResultsForm()
        {
            InitializeComponent();
        }

        private void Form1_Load(object sender, EventArgs e)
        {

        }

        private void Form1_Load_1(object sender, EventArgs e)
        {

        }
        private void btnCalculate_Click(object sender, EventArgs e)
        {
            try
```

```
            {
                // Read values from textboxes and calculate the total
                double assignment1 = Convert.ToDouble(textboxAssignment1.Text);
                double assignment2 = Convert.ToDouble(textboxAssignment2.Text);
                double assignment3 = Convert.ToDouble(textboxAssignment3.Text);
                double cat1 = Convert.ToDouble(textboxCat1.Text);
                double cat2 = Convert.ToDouble(textboxCat2.Text);

                // Calculate total coursework
                double total = assignment1 + assignment2 + assignment3 + cat1 + cat2;

                // Display the total in the coursework textbox
                textboxCoursework.Text = total.ToString();
            }
            catch (FormatException)
            {
                MessageBox.Show("Please enter valid numeric values for all fields.", "Input
Error", MessageBoxButtons.OK, MessageBoxIcon.Error);
            }
            catch (Exception ex)
            {
                MessageBox.Show($"An error occurred: {ex.Message}", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error);
            }
        }
    }
}
```

View coursework results.cs design



View exam results.cs code

```
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 CourseworkResultsApp
{
    public partial class ViewExamResultsForm : Form
    {
        public ViewExamResultsForm()
        {
            InitializeComponent();
        }

        private void ViewExamResults_Load(object sender, EventArgs e)
        {

        }
        private void textboxCoursework_TextChanged(object sender, EventArgs e)
        {
            CalculateTotalScore();
        }

        private void textboxFinalExam_TextChanged(object sender, EventArgs e)
        {
            CalculateTotalScore();
        }

        private void CalculateTotalScore()
        {
            try
            {
                // Read values from textboxes and calculate the total score
                double coursework = Convert.ToDouble(textboxCoursework.Text);
                double finalExam = Convert.ToDouble(textboxFinalExam.Text);
                double totalScore = coursework + finalExam;

                // Display the total score in the total score textbox
                textboxTotalScore.Text = totalScore.ToString();
            }
            catch (FormatException)
            {
                // Handle invalid numeric input gracefully
                textboxTotalScore.Text = "Invalid Input";
            }
            catch (Exception ex)
            {
                // Handle any other unexpected errors
                MessageBox.Show($"An error occurred: {ex.Message}", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error);
            }
        }
    }
}
```

View exam results.cs design