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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;
using System.Diagnostics;

// This form is used to trigger the console application and provide the necessary grade input for further
// processing.
// If the console application is linked with the data base to provide the grade the use of this Input Form can
// be avoided.
namespace InputForm
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();

            dataGridView1.ColumnCount = 2;
            dataGridView1.Columns[0].Name = "GRADE";
            dataGridView1.Columns[1].Name = "INDEX";

            // SERIES 200
            string[] row = new string[] { "Grade_JSLUSD", "21" };
            dataGridView1.Rows.Add(row);
            row = new string[] { "Grade_JT", "22" };
            dataGridView1.Rows.Add(row);
            //row = new string[] { "Grade_xxx", "23" };
            //dataGridView1.Rows.Add(row);

            // SERIES 300
            row = new string[] { "Grade_304", "31" };
            dataGridView1.Rows.Add(row);
            row = new string[] { "Grade_301", "32" };
            dataGridView1.Rows.Add(row);
            //row = new string[] { "Grade_xxx", "33" };

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        //dataGridView1.Rows.Add(row);

        // SERIES 400
        row = new string[] { "Grade_409L", "41" };
        dataGridView1.Rows.Add(row);
        row = new string[] { "Grade_430", "42" };
        dataGridView1.Rows.Add(row);
        //row = new string[] { "Grade_xxx", "43" };
        //dataGridView1.Rows.Add(row);

    }

    private void button1_Click(object sender, EventArgs e)
    {
        // The button click event is used to trigger the console application.
        // It sends the corresponding grade token.
        Process CropGrade = new Process();
        CropGrade.StartInfo.FileName = "C:/Users/Dewal Agarwal/Desktop/Intern
Project/CropShearSetPoint/CropShearSetPoint/bin/Debug/CropShearSetPoint.exe";
        CropGrade.StartInfo.Arguments = textBox1.Text;
        CropGrade.Start();
    }

    private void dataGridView1_CellContentClick(object sender, DataGridViewCellEventArgs e)
    {
        // Displays the list of the available grades.
    }

    private void label1_Click(object sender, EventArgs e)
    {

    }

    private void textBox1_TextChanged(object sender, EventArgs e)
    {
        // Accepts the necessary grade input for the console application.
    }

}
}

```