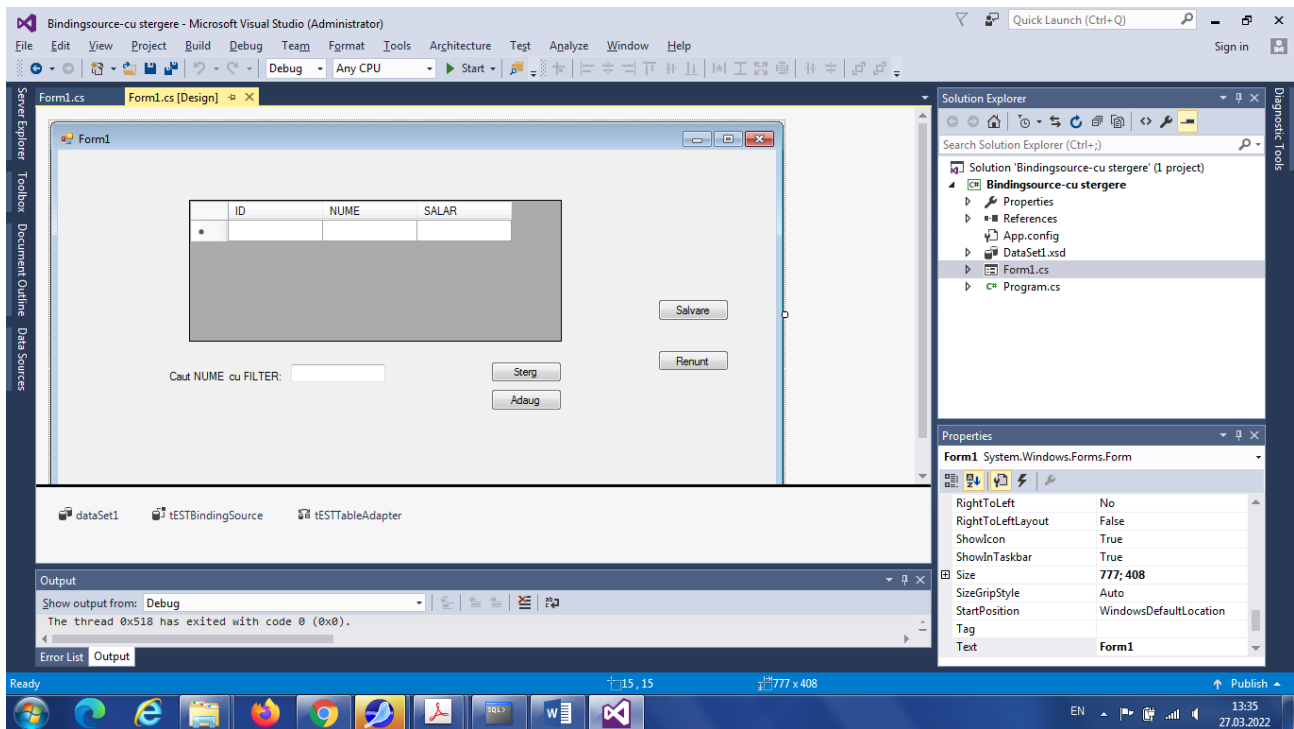
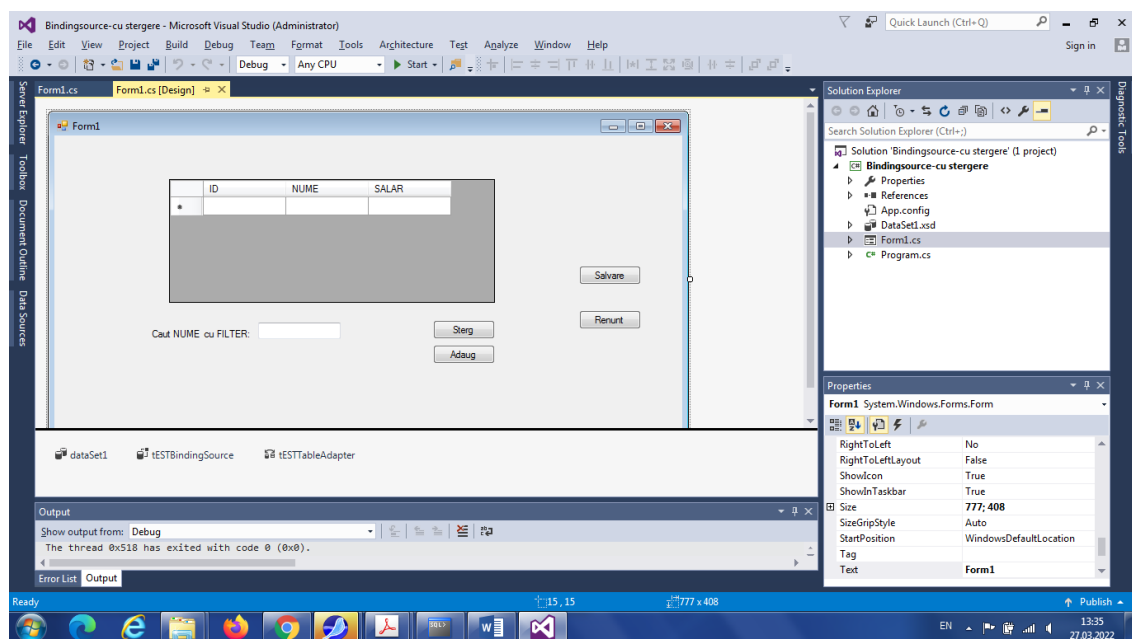


Cautare cu FILTER (si BindingSource) +

- STERGERE
- ADAUGARE
- SALVARE/RENUNT



Operare cu Wizzard (mod design) pentru conectare DataGridView (prin BindingSource) la baza de date (tabela TEST cu o coloana ID, NUME si SALAR, obiecte generate automat in mod design: dataSet1, tESTBindingSource, tESTTableAdapter)



Cautare cu FILTER + Sterg (sau Adaug + salvare/renuntare)

```

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 Bindingsource_cu_stergere
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void Form1_Load(object sender, EventArgs e)
        {
            // TODO: This line of code loads data into the 'dataSet1.TEST' table. You can move, or remove it, as needed.
            this.tESTTableAdapter.Fill(this.dataSet1.TEST);
        }
    }
}

```

//CAUTARE CU FILTER dupa NUME

```

private void textBox1_TextChanged(object sender, EventArgs e)
{
    tESTBindingSource.Filter = "nume like " + "'" + textBox1.Text + "*'";
}

```

// STERGERE

```

private void button1_Click(object sender, EventArgs e)
{
    if (textBox1.Text!="") //EXISTA FILTRU
    {
        if (tESTBindingSource.Count>0) // EXISTA - Cautare reusita
        {
            DialogResult dialog = MessageBox.Show("Doriti stergere?", "Stergere",
            MessageBoxButtons.YesNo);
            if (dialog == DialogResult.Yes)
            {
                tESTBindingSource.RemoveCurrent();
                tESTTableAdapter.Update(dataSet1.TEST);
                tESTBindingSource.RemoveFilter();
                textBox1.Text = "";
            }
        }
        else
        {
            MessageBox.Show("Nu exista nimic de sters");
        }
    }
}

```

// ADAUGARE

```
private void button2_Click(object sender, EventArgs e)
{
    tESTBindingSource.AddNew();
    tESTBindingSource.MoveLast();
}
```

//SALVARE

```
private void button3_Click(object sender, EventArgs e)
{
    try
    {
        this.Validate();
        tESTBindingSource.EndEdit();
        tESTTableAdapter.Update(dataSet1.TEST);
        dataSet1.AcceptChanges();
    }
    catch(Exception ex)
    {
        MessageBox.Show("eroare!");
    }
}
```

//RENUNT/ABANDON

```
private void button4_Click(object sender, EventArgs e)
{
    dataSet1.RejectChanges();
    tESTBindingSource.CancelEdit();
}
```

//TRATARE EROARE dataGridView

```
private void dataGridView1_DataError(object sender, DataGridViewDataErrorEventArgs e)
{
    MessageBox.Show("Eroare-date invalide. Press Escape to exit...");
}
```

}

Observatie- referire obiect `dataSet` functie de mod lucru design/cod (tabela TEST):

- Pentru utilizare Wizzard (mod design): `dataSet1.TEST` (cazul din exemplu)
- Pentru scriere cod: `dataSet1.Tables["TEST"]`