

## Cerinta:

Creați un calculator care conține trei textBox-uri (două dintre acestea sunt utilizate pentru introducerea numerelor, iar cel de-al treilea pentru afișarea rezultatul) și un meniu (MenuStrip) care conține operatorii binari.

## Cod:

### Form1.cs

```
namespace Lab2p3
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        private void siToolStripMenuItem_Click(object sender, EventArgs e)
        {
            int numar1, numar2, rezultat;
            numar1 = Convert.ToInt32(nr1.Text);
            numar2 = Convert.ToInt32(nr2.Text);
            rezultat = numar2 & numar1;
            rez.Text = "" + rezultat;
        }

        private void sauToolStripMenuItem_Click(object sender, EventArgs e)
        {
            int numar1, numar2, rezultat;
            numar1 = Convert.ToInt32(nr1.Text);
            numar2 = Convert.ToInt32(nr2.Text);
            rezultat = numar2 | numar1;
            rez.Text = "" + rezultat;
        }

        private void xorToolStripMenuItem_Click(object sender, EventArgs e)
        {
            int numar1, numar2, rezultat;
            numar1 = Convert.ToInt32(nr1.Text);
            numar2 = Convert.ToInt32(nr2.Text);
            rezultat = numar2 ^ numar1;
            rez.Text = "" + rezultat;
        }
    }
}
```

## Imagini functionalitate:

The image displays four sequential screenshots of a Windows application window titled "Form1". Each window contains three text input fields: "Numarul1", "Numarul2", and "Rezultatul". The "Numarul1" field consistently contains the value "1", and the "Numarul2" field consistently contains the value "4". Above the input fields are three buttons labeled "si", "sau", and "xor", representing logical operations. The "Rezultatul" field shows the output of the selected operation.

- Top-left screenshot:** The "si" button is selected. The "Rezultatul" field is empty.
- Top-right screenshot:** The "si" button is selected. The "Rezultatul" field contains the value "0".
- Bottom-left screenshot:** The "sau" button is selected. The "Rezultatul" field contains the value "5".
- Bottom-right screenshot:** The "xor" button is selected. The "Rezultatul" field contains the value "5".