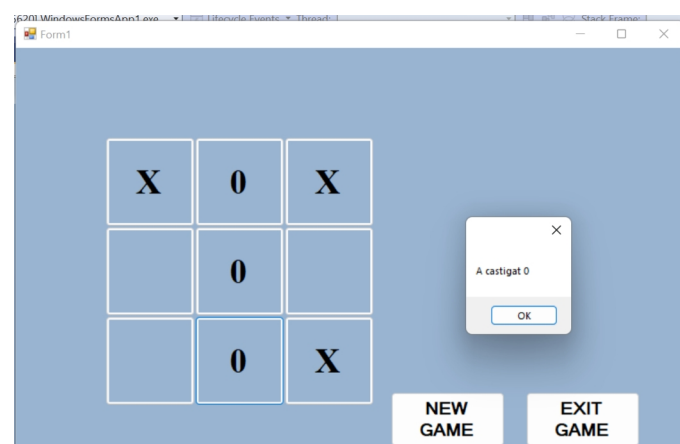
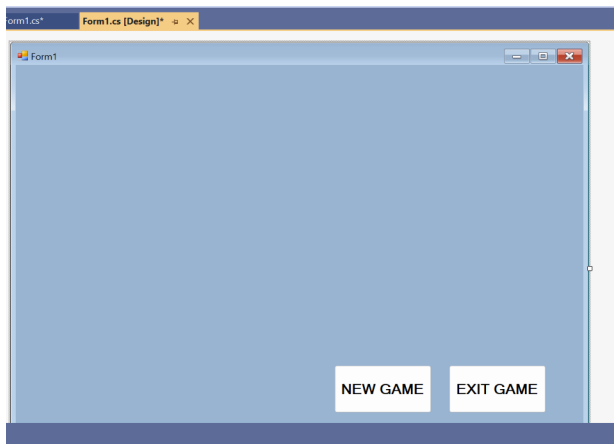


Jocul XO



```
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 WindowsFormsApp1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void button2_Click(object sender, EventArgs e)
        {
            Application.Exit();
        }

        private void check_x0(string c)
        {
            bool ok = false;
            int s, sdp = 0, sds = 0;
            for (int i = 0; i < 3; i++) //verificare diagonale
            {
                if ((btn[i, i].Text == c)) sdp++;
                if ((btn[i, 2-i].Text == c)) sds++;
            }
            if (sdp == 3 || sds == 3) ok = true;
            for (int i = 0; i < 3 && ok == false; i++) //verificare linii
            {
                s = 0;
                for (int j = 0; j < 3; j++)
                {
                    if (btn[i, j].Text == c) s++;
                }
                if (s == 3) ok = true;
            }
            for (int j = 0; j < 3 && ok == false; j++) //verificare coloane
```

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```
{
    s = 0;
    for (int i = 0; i < 3; i++)
        if (btn[i, j].Text == c) s++;
    if (s == 3) ok = true;
}
if (ok == true)
{
    MessageBox.Show("A castigat " + c);
    for (int i = 0; i < 3; i++)
        for (int j = 0; j < 3; j++)
            btn[i, j].Enabled = false;
}
}
private void btn_click(object sender, EventArgs e)
{
    if (((Button)sender).Text == "")//nu a fost apasat
    {
        urm++;
        if (urm % 2 == 1)
        {
            ((Button)sender).Text = "X";
            check_x0("X");
        }
        else
        {
            ((Button)sender).Text = "0";
            check_x0("0");
        }
    }
}
private void button1_Click(object sender, EventArgs e)
{
    if (init == 0)
    {
        for (int i = 0; i < 3; i++)
            for (int j = 0; j < 3; j++)
            {
                btn[i, j] = new Button();
                btn[i, j].Top = 100 * (i + 1);
                btn[i, j].Left = 100 * (j + 1);
                btn[i, j].Width = 100;
                btn[i, j].Height = 100;
                btn[i, j].Text = "";
                btn[i, j].TextAlign = ContentAlignment.MiddleCenter;
                btn[i, j].Font = new Font(FontFamily.GenericSerif, 28,
FontStyle.Bold);

                btn[i, j].Click += new EventHandler(btn_click);
                Controls.Add(btn[i, j]);
                init = 1;
            }
    }
    else
        for (int i = 0; i < 3; i++)
            for (int j = 0; j < 3; j++)
            {
                btn[i, j].Text = "";
                btn[i, j].Enabled = true;
                urm = 0;
            }
}
```

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```
        private void Form1_Load(object sender, EventArgs e)
        {
            }
    }
}
```