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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.Data.SqlClient;

namespace Proprogram_koneksi
{
    public partial class Form1 : Form
    {
        SqlConnection conn = null;
        string ConnString = @"data source=.;initial catalog=DB_VISUAL;integrated security=true";
        SqlCommand cmd = null;
        SqlDataReader rdr = null;

        public Form1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            conn = new SqlConnection(ConnString);
            conn.Open();

            string sSql = "insert into barang values('"+ txtKode.Text + "','"+ txtNama.Text + "','"+ TxtStok.
Text +")";

            cmd = new SqlCommand(sSql, conn);
            cmd.ExecuteNonQuery();

            conn.Close();
            MessageBox.Show("Berhasil Menambahkan data");
        }

        private void btnCari_Click(object sender, EventArgs e)
        {
            txtNama.Text = "";
            TxtStok.Text = "";

            conn = new SqlConnection(ConnString);
            conn.Open();
            string sSql = "select * from barang where kode='"+ txtKode.Text +""";

            cmd = new SqlCommand(sSql, conn);
            rdr = cmd.ExecuteReader();
            if (rdr.HasRows)
            {
                rdr.Read();
                txtNama.Text = rdr["nama"].ToString();
                TxtStok.Text = rdr["stok"].ToString();
            }
            rdr.Close();
            conn.Close();
        }

        private void button2_Click(object sender, EventArgs e)
        {
            conn = new SqlConnection(ConnString);
            conn.Open();

            string sSql = "update barang set nama='"+ txtNama.Text +'", stok="+ TxtStok.Text + " where kode='
"+ txtKode.Text +""";

            cmd = new SqlCommand(sSql, conn);
            cmd.ExecuteNonQuery();

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        conn.Close();
        MessageBox.Show("Berhasil Memperbaiki data");
    }

    private void button3_Click(object sender, EventArgs e)
    {
        conn = new SqlConnection(ConnString);
        conn.Open();

        string sSql = "delete barang where kode='" + txtKode.Text + "'";

        cmd = new SqlCommand(sSql, conn);
        cmd.ExecuteNonQuery();

        conn.Close();
        MessageBox.Show("Berhasil Hapus data");
        txtKode.Text = "";
        txtNama.Text = "";
        TxtStok.Text = "";
    }
}
```