

ID	Name	Course	Age
20210187	Dela Peña, Jaylyn Mae E.	BSCS	19
20210189	Fomoles, Ma. Rhea C.	BSCS	23
20210212	Javier, Aisha Bernadette A.	BSCS	20
20210237	Castillo, Rhaniel	BSCS	19
20210261	Angeles, Jeremiah J.	BSCS	21
20210307	Cabanza, Joshua N.	BSCS	20
*			

```
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 DATABASE_GROUP2A1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();

            SqlConnection conn = new SqlConnection("Data Source=DESKTOP-850TM7C\\SQLEXPRESS;Initial Catalog=group2db;Integrated Security=True");

            private void button1_Click(object sender, EventArgs e)
            {
                conn.Open();
                SqlCommand cmd = new SqlCommand("INSERT INTO STUDENTS values ('" +
                int.Parse(textBox1.Text) + "','" + textBox2.Text + "','" + textBox3.Text + "','" +
                int.Parse(textBox4.Text) + "')", conn);
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        cmd.ExecuteNonQuery();
        conn.Close();
        showtable();
        MessageBox.Show("Successfully Inserted!");
    }

    void showtable()
    {
        SqlCommand command = new SqlCommand("SELECT * FROM STUDENTS", conn);
        SqlDataAdapter sda = new SqlDataAdapter(command);
        DataTable dt = new DataTable();
        sda.Fill(dt);
        dataGridView1.DataSource = dt;
    }

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

    private void button2_Click(object sender, EventArgs e)
    {
        conn.Open();
        SqlCommand cmmd = new SqlCommand("UPDATE STUDENTS SET Name='" +
        textBox2.Text + "', Course='" + textBox3.Text + "', Age='" +
        int.Parse(textBox4.Text) + "' WHERE ID='" + int.Parse(textBox1.Text) + "'", conn);
        cmmd.ExecuteNonQuery();
        conn.Close();
        MessageBox.Show("Successfully Updated!");
        showtable();
    }

    private void button3_Click(object sender, EventArgs e)
    {
        conn.Open();
        SqlCommand cmnd = new SqlCommand("DELETE FROM STUDENTS WHERE ID = '" +
        int.Parse(textBox1.Text) + "'", conn);
        cmnd.ExecuteNonQuery();
        conn.Close();
        MessageBox.Show("Successfully Deleted!");
        showtable();
    }

    private void button4_Click(object sender, EventArgs e)
    {
        populateGrid();
    }

    public void populateGrid()
    {
        conn.Open();
        string query = "SELECT * FROM STUDENTS WHERE ID = '" +
        int.Parse(textBox1.Text) + "'";
        SqlDataAdapter Db = new SqlDataAdapter(query, conn);
    }

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        SqlCommandBuilder builder = new SqlCommandBuilder(Db);
        var ds = new DataSet();
        Db.Fill(ds);
        dataGridView1.DataSource = ds.Tables[0];
        conn.Close();
    }

    private void button5_Click(object sender, EventArgs e)
    {
        textBox1.Clear();
        textBox2.Clear();
        textBox3.Clear();
        textBox4.Clear();
    }
}

```

#### Group 2 Members

Coding – Javier, Aisha Bernadette A.

Create Table – Angeles, Jeremiah J.

Connecting Database – Castillo, Rhaniel

Documentation – Cabanza, Joshua N.

Design – Dela Peña, Jaylyn Mae E.

Input Data – Fornoles, Ma. Rhea C.