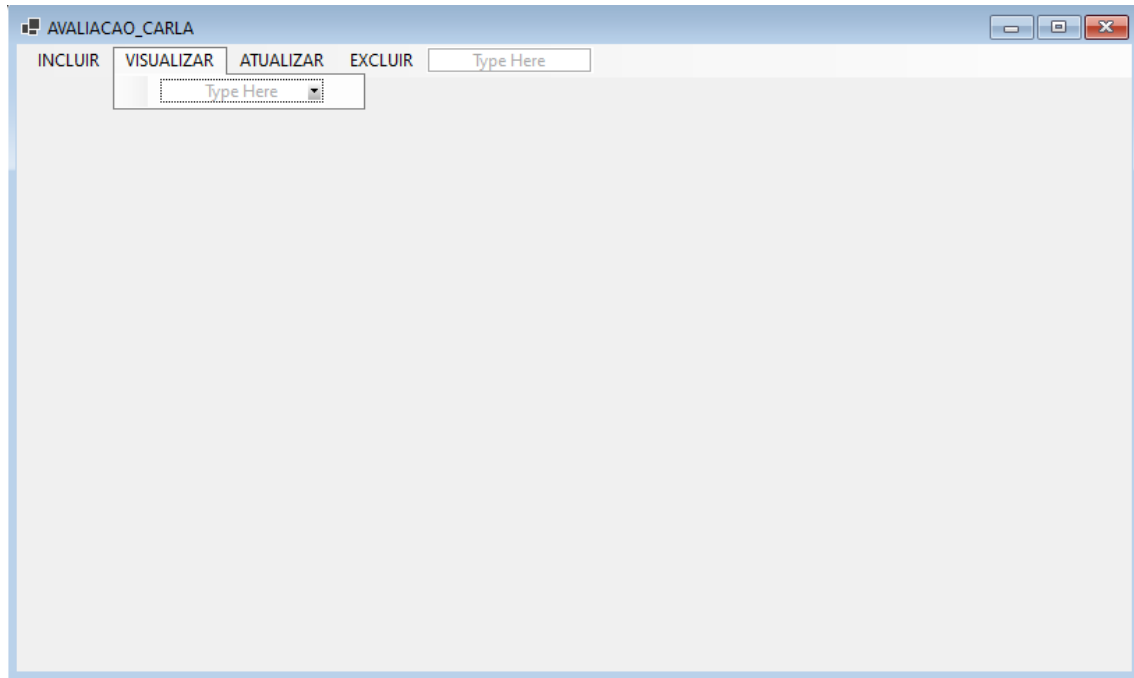


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```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace AVALIACAO_CARLA
{
    public partial class PRINCIPAL : Form
    {
        public PRINCIPAL()
        {
            InitializeComponent();
        }

        private void INCLUIRToolStripMenuItem_Click(object sender, EventArgs e)
        {
            Incluir incluir = new Incluir();
            incluir.Show();
        }

        private void CONSULTARToolStripMenuItem_Click(object sender, EventArgs e)
        {
            Consultar consultar = new Consultar();
            consultar.Show();
        }

        private void ALTERARToolStripMenuItem_Click(object sender, EventArgs e)
        {
            Alterar alterar = new Alterar();
            alterar.Show();
        }
    }
}
```

```

    }

    private void eXCLUIRToolStripMenuItem_Click(object sender, EventArgs e)
    {
        Excluir excluir = new Excluir();
        excluir.Show();
    }
}

```

```

using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Text;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace AVALIACAO_CARLA
{
    public partial class Incluir : Form
    {
        public Incluir()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            MySqlConnection conexao = new MySqlConnection("server=localhost;
            database=fullstack_escola; uid=root; pwd='');
            conexao.Open();

            MySqlCommand comando = new MySqlCommand("INSERT INTO alunos (nome,
            primeira, segunda, media, situacao) VALUES (" +
                "'" + textBoxNome.Text + "'," +
                + textBoxPrimeira.Text + "," +
                + textBoxSegunda.Text + "," +
                + textBoxMedia.Text + "," +
                + textBoxSituacao.Text + ")", conexao

```

```

        );

        comando.ExecuteNonQuery();
        MessageBox.Show("CADASTRADO NO BD");
        this.Hide();
    }

    private void buttonVerificar_Click(object sender, EventArgs e)
    {
        double P1, P2, MD;

        P1 = double.Parse(textBoxPrimeira.Text);
        P2 = double.Parse(textBoxSegunda.Text);

        MD = (P1 + P2)/2;

        textBoxMedia.Text = "" + MD;

        if(MD >= 7)
        {
            textBoxSituacao.Text = "aprovado";
        }
        else
        {
            textBoxSituacao.Text = "reprovado";
        }
    }

    private void buttonCancelar_Click(object sender, EventArgs e)
    {
        Dispose();
    }
}

```

The screenshot shows a Windows application window titled "Consultar". At the top, there is a text box labeled "Digite o NOME do Aluno" and a "Buscar" button. Below this, there is a dashed rectangular area containing four input fields labeled "Primeira", "Segunda", "Media", and "Situacao". To the right of these fields are two buttons: "Limpar" and "Cancelar".

```

using System;
using System.Collections.Generic;

```

```

using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Text;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace AVALIACAO_CARLA
{
    public partial class Consultar : Form
    {
        public Consultar()
        {
            InitializeComponent();
        }

        private void label2_Click(object sender, EventArgs e)
        {
        }

        private void buttonBuscar_Click(object sender, EventArgs e)
        {
            panelConsultar.Visible = true;

            MySqlConnection conexao = new MySqlConnection("server=localhost;
database=fullstack_escola; uid=root; pwd='');
            conexao.Open();

            string sql = "SELECT primeira, segunda, media, situacao FROM alunos
WHERE nome=?";
            MySqlCommand comando = new MySqlCommand(sql, conexao);
            comando.Parameters.AddWithValue("nome", textBoxConsultarNome.Text);
            comando.CommandType = CommandType.Text;

            MySqlDataReader reader = comando.ExecuteReader();

            if (reader.Read())
            {
                textBoxConsultarPrimeira.Enabled = true;
                textBoxConsultarSegunda.Enabled = true;
                textBoxConsultarMedia.Enabled = true;
                textBoxConsultarSituacao.Enabled = true;

                textBoxConsultarPrimeira.Text = reader[0].ToString();
                textBoxConsultarSegunda.Text = reader[1].ToString();
                textBoxConsultarMedia.Text = reader[2].ToString();
                textBoxConsultarSituacao.Text = reader[3].ToString();
            }
            else
            {
                MessageBox.Show("Nenhum NOME encontrado");
            }

        }

        private void limparTela()
        {

```

```

        textBoxConsultarNome.Text = "";
        textBoxConsultarPrimeira.Text = "";
        textBoxConsultarSegunda.Text = "";
        textBoxConsultarMedia.Text = "";
        textBoxConsultarSituacao.Text = "";
    }

    private void button1_Click(object sender, EventArgs e)
    {
        limparTela();
    }

    private void button2_Click(object sender, EventArgs e)
    {
        Dispose();
    }

    private void panelConsultar_Paint(object sender, PaintEventArgs e)
    {
    }

    private void label1_Click(object sender, EventArgs e)
    {
    }

    private void textBoxConsultarNome_TextChanged(object sender, EventArgs e)
    {
    }
}
}

```

The screenshot shows a Windows application window titled "Alterar". At the top, there is a text input field with the placeholder "Digite o NOME do Aluno" and a "Buscar" button to its right. Below this, a dashed rectangular box contains a form with four text input fields labeled "Primeira", "Segunda", "Media", and "Situacao". To the right of these fields are "Atualizar" and "Cancelar" buttons. At the bottom center of the dashed box is a "Verificar" button.

```

using System;
using System.Collections.Generic;
using System.ComponentModel;

```

```

using System.Data;
using System.Drawing;
using System.Text;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace AVALIACAO_CARLA
{
    public partial class Alterar : Form
    {
        public Alterar()
        {
            InitializeComponent();

            private void buttonAlterarBuscar_Click(object sender, EventArgs e)
            {
                panelAlterar.Visible = true;

                MySqlConnection conexao = new MySqlConnection("server=localhost;
database=fullstack_escola; uid=root; pwd='');
                conexao.Open();

                string sql = "SELECT primeira, segunda, media, situacao FROM alunos
WHERE nome=?";
                MySqlCommand comando = new MySqlCommand(sql, conexao);
                comando.Parameters.AddWithValue("nome", textBoxAlterarNome.Text);
                comando.CommandType = CommandType.Text;

                MySqlDataReader reader = comando.ExecuteReader();

                if (reader.Read())
                {
                    textBoxAlterarPrimeira.Enabled = true;
                    textBoxAlterarSegunda.Enabled = true;
                    textBoxAlterarMedia.Enabled = true;
                    textBoxAlterarSituacao.Enabled = true;

                    textBoxAlterarPrimeira.Text = reader[0].ToString();
                    textBoxAlterarSegunda.Text = reader[1].ToString();
                    textBoxAlterarMedia.Text = reader[2].ToString();
                    textBoxAlterarSituacao.Text = reader[3].ToString();
                }
                else
                {
                    MessageBox.Show("Nenhum NOME encontrado");
                }
            }

            private void label1_Click(object sender, EventArgs e)
            {
            }

            private void panelConsultar_Paint(object sender, PaintEventArgs e)
            {
            }
        }
    }
}

```

```

private void textBoxAlterarNome_TextChanged(object sender, EventArgs e)
{
}

private void buttonAtualizar_Click(object sender, EventArgs e)
{
    MySqlConnection conexao = new MySqlConnection("server=localhost;
database=fullstack_escola; uid=root; pwd='');
    conexao.Open();

    string sql = "UPDATE alunos set primeira=?, segunda=?, media=?,
situacao=? where nome=?";
    MySqlCommand comando = new MySqlCommand(sql, conexao);
    comando.Parameters.AddWithValue("primeira",
textBoxAlterarPrimeira.Text);
    comando.Parameters.AddWithValue("segunda",
textBoxAlterarSegunda.Text);
    comando.Parameters.AddWithValue("media", textBoxAlterarMedia.Text);
    comando.Parameters.AddWithValue("situacao",
textBoxAlterarSituacao.Text);
    comando.Parameters.AddWithValue("nome", textBoxAlterarNome.Text);
    comando.CommandType = CommandType.Text;
    comando.ExecuteReader();
    MessageBox.Show("ATUALIZADO NO BD");
    limparTela();
}

private void limparTela()
{
    textBoxAlterarNome.Text = "";
    textBoxAlterarPrimeira.Text = "";
    textBoxAlterarSegunda.Text = "";
    textBoxAlterarMedia.Text = "";
    textBoxAlterarSituacao.Text = "";
}

private void buttonAlterarCancelar_Click(object sender, EventArgs e)
{
    Dispose();
}

private void buttonVerificar_Click(object sender, EventArgs e)
{
    double P1, P2, MD;

    P1 = double.Parse(textBoxAlterarPrimeira.Text);
    P2 = double.Parse(textBoxAlterarSegunda.Text);

    MD = (P1 + P2) / 2;

    textBoxAlterarMedia.Text = "" + MD;

    if (MD >= 7)
    {
        textBoxAlterarSituacao.Text = "aprovado";
    }
    else
    {
        textBoxAlterarSituacao.Text = "reprovado";
    }
}

```

```

    }
}
}

```

```

using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Text;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace AVALIACAO_CARLA
{
    public partial class Excluir : Form
    {
        public Excluir()
        {
            InitializeComponent();
        }

        private void buttonExcluirBD_Click(object sender, EventArgs e)
        {
            MySqlConnection conexao = new MySqlConnection("server=localhost;
            database=fullstack_escola; uid=root; pwd='');
            conexao.Open();
            string sql = "DELETE FROM alunos WHERE nome=?";
            MySqlCommand comando = new MySqlCommand(sql, conexao);
            comando.Parameters.AddWithValue("nome", textBoxExcluirNome.Text);
            comando.CommandType = CommandType.Text;
            comando.ExecuteNonQuery();
            MessageBox.Show("ALUNO EXCLUÍDO DO BD");
        }

        private void buttonExcluirCancelar_Click(object sender, EventArgs e)
        {
            Dispose();
        }
    }
}

```



```

    }

    private void buttonExcluirBuscar_Click(object sender, EventArgs e)
    {
        panelExcluir.Visible = true;

        MySqlConnection conexao = new MySqlConnection("server=localhost;
        database=fullstack_escola; uid=root; pwd='');
        conexao.Open();

        string sql = "SELECT primeira, segunda, media, situacao FROM alunos
        WHERE nome=?";
        MySqlCommand comando = new MySqlCommand(sql, conexao);
        comando.Parameters.AddWithValue("nome", textBoxExcluirNome.Text);
        comando.CommandType = CommandType.Text;

        MySqlDataReader reader = comando.ExecuteReader();

        if (reader.Read())
        {
            textBoxExcluirPrimeira.Enabled = true;
            textBoxExcluirSegunda.Enabled = true;
            textBoxExcluirMedia.Enabled = true;
            textBoxExcluirSituacao.Enabled = true;

            textBoxExcluirPrimeira.Text = reader[0].ToString();
            textBoxExcluirSegunda.Text = reader[1].ToString();
            textBoxExcluirMedia.Text = reader[2].ToString();
            textBoxExcluirSituacao.Text = reader[3].ToString();
        }
        else
        {
            MessageBox.Show("Nenhum NOME encontrado");
        }
    }

    private void button2_Click(object sender, EventArgs e)
    {
        Dispose();
    }
}

```

The screenshot shows a database management interface. On the left, a tree view displays the database structure for 'fullstack\_escola', including a table named 'alunos'. The 'alunos' table has columns: id (PRI, int), media (decimal), nome (varchar), primeira (decimal), segunda (decimal), and situacao (varchar). Below the tree, a list of databases is shown: information\_schema, mysql, performance\_schema, phpmyadmin, and test.

The main area displays a SQL query: `SELECT * FROM `alunos`;`. Below the query, there are options to view the query profile, edit, explain SQL, create PHP code, or refresh. A table of results is shown with columns: id, nome, primeira, segunda, media, and situacao. The first row shows: 1, maxwell, 5.0, 5.0, 5.0, reprovado. Below the table, there are options to mark all, edit, copy, delete, or export the selected records. At the bottom, there are options to print, copy to transfer area, export, show graph, or create visualization.