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Roll No.: 3083

Div: B Batch: T4

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Form1.cs -
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```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Data.SqlClient;
using System.Drawing;
using System.Ling;
using System.Text;
using System. Threading. Tasks;
using System. Windows. Forms;
using System.Configuration;
namespace practical8
{
public partial class Form1 : Form
public Form1()
InitializeComponent();
DisplayData();
SqlConnection conn = new SqlConnection("Data Source=DESKTOP-SS3ETVB;Initial
Catalog=StudentDatabase;Integrated Security=True");
SqlCommand cmd;
SqlDataAdapter adapt;
private void Form1_Load(object sender, EventArgs e)
{
```

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}
private void btn exit Click(object sender, EventArgs e)
Application.Exit();
private void btn insert_Click(object sender, EventArgs e)
string query = "insert into StudentData values(" + txt stdid.Text + ","" + txt stdname.Text +
"","" +
txt_address.Text + "","" + txt_class.Text + "")";
conn.Open();
cmd = new SqlCommand(query, conn);
cmd.ExecuteNonQuery();
MessageBox.Show("Inserted successfully");
conn.Close();
DisplayData();
}
private void dataGridView1 CellContentClick(object sender, DataGridViewCellEventArgs e)
if (e.RowIndex \geq 0)
{
DataGridViewRow row = dataGridView1.Rows[e.RowIndex];
txt stdid.Text = row.Cells[0].Value.ToString();
txt stdname.Text = row.Cells[1].Value.ToString();
txt_address.Text = row.Cells[2].Value.ToString();
txt class.Text = row.Cells[3].Value.ToString();
txt stdid.Enabled = false;
private void DisplayData()
{
```

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}
conn.Open();
DataTable dt = new DataTable();
adapt = new SqlDataAdapter("select * from StudentData",conn);
adapt.Fill(dt);
dataGridView1.DataSource = dt;
conn.Close();
private void btn find Click(object sender, EventArgs e)
conn.Open();
SqlCommand cmd = conn.CreateCommand();
cmd.CommandType = CommandType.Text;
cmd.CommandText = "select * from StudentData where id="" + txt find.Text + """;
cmd.ExecuteNonQuery();
DataTable dt = new DataTable();
SqlDataAdapter da = new SqlDataAdapter(cmd);
da.Fill(dt);
txt stdid.Text = dt.ToString();
txt stdname.Text = dt.ToString();
txt address.Text = dt.ToString();
txt class.Text = dt.ToString();
dataGridView1.DataSource = dt;
conn.Close();
}
private void btn update Click(object sender, EventArgs e)
{
conn.Open();
string query2 = "UPDATE StudentData set name="" + txt stdname.Text + "",address="" +
txt address.Text +
",class="" + txt_class.Text + "" where id="+txt_stdid.Text+"";
cmd = new SqlCommand(query2, conn);
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cmd.ExecuteNonQuery();
conn.Close();
MessageBox.Show("Updated successfully");
DisplayData();
}
private void btn showall Click(object sender, EventArgs e)
}
DisplayData();
private void btn_delete_Click(object sender, EventArgs e)
string query = "delete StudentData where id=" + txt_stdid.Text + "";
conn.Open();
cmd = new SqlCommand(query, conn);
cmd.ExecuteNonQuery();
MessageBox.Show("deleted record");
conn.Close();
DisplayData();
}
App.Config-
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
<startup>
<supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.5" />
</startup>
<connectionStrings>
<add name="ConnectionString" connectionString="Data Source=DESKTOP-
SS3ETVB;Initial
```

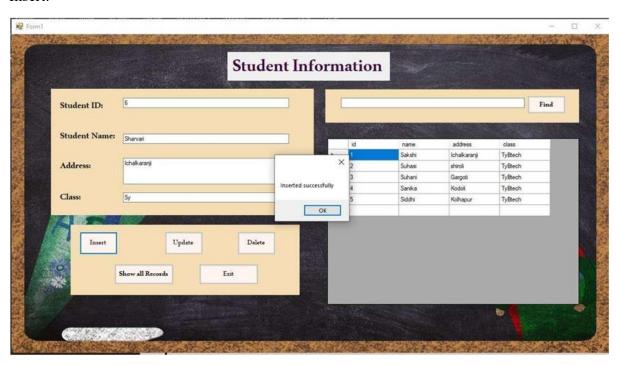
Catalog=StudentDatabase;Integrated Security=True" providerName="System.Data.Sqlclient"/>

</connectionStrings>

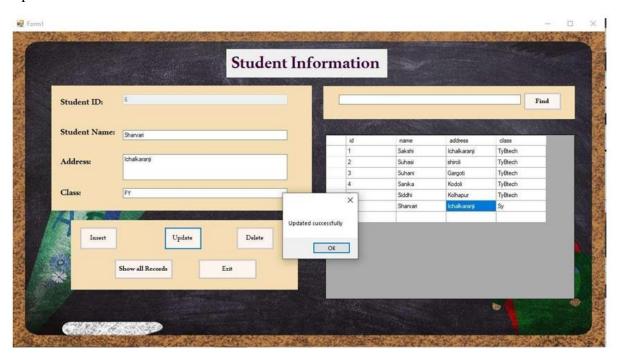
</configuration>

Output:

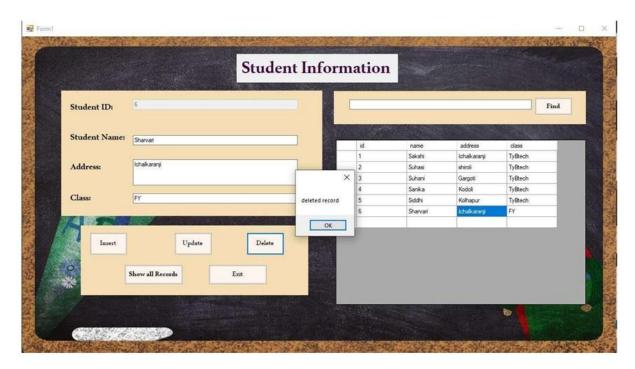
Insert:



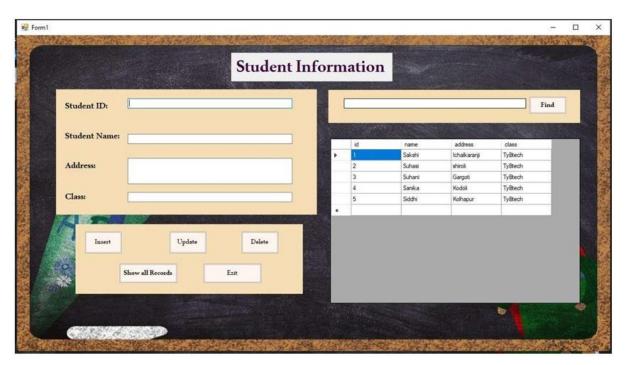
Update:



Delete:



Show all results:



Find:

