Name: kulsoom Alias Koonj

CMS ID: 023-20-0104

Lab 7

Activity 1

Code:

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 EditorApp

{

public partial class Notepad : Form

{

public Notepad()

{

InitializeComponent();

}

private void fileToolStripMenuItem\_Click(object sender, EventArgs e)

{

}

private void newToolStripMenuItem\_Click(object sender, EventArgs e)

{

richTextBox1.Clear();

}

private void openToolStripMenuItem\_Click(object sender, EventArgs e)

{

OpenFileDialog dialogbox = new OpenFileDialog();

dialogbox.Title = "open";

dialogbox.Filter = "Text Document(\*.txt)|\*.txt | All Files (\*.\*)|\*.\*";

if(dialogbox.ShowDialog() == DialogResult.OK)

{

richTextBox1.LoadFile(dialogbox.FileName, RichTextBoxStreamType.PlainText);

this.Text = dialogbox.FileName;

}

}

private void saveToolStripMenuItem\_Click(object sender, EventArgs e)

{

SaveFileDialog dialogbox = new SaveFileDialog();

dialogbox.Title = "Save";

dialogbox.Filter = "Text Document(\*.txt)|\*.txt| All Files (\*.\*)|\*.\*";

if(dialogbox.ShowDialog() == DialogResult.OK)

{

richTextBox1.SaveFile(dialogbox.FileName, RichTextBoxStreamType.PlainText);

this.Text = dialogbox.FileName;

}

}

private void exitToolStripMenuItem\_Click(object sender, EventArgs e)

{

Application.Exit();

}

private void undoToolStripMenuItem\_Click(object sender, EventArgs e)

{

richTextBox1.Undo();

}

private void redoToolStripMenuItem\_Click(object sender, EventArgs e)

{

richTextBox1.Redo();

}

private void copyToolStripMenuItem\_Click(object sender, EventArgs e)

{

richTextBox1.Copy();

}

private void cutToolStripMenuItem\_Click(object sender, EventArgs e)

{

richTextBox1.Cut();

}

private void pasteToolStripMenuItem\_Click(object sender, EventArgs e)

{

richTextBox1.Paste();

}

private void selectAllToolStripMenuItem\_Click(object sender, EventArgs e)

{

richTextBox1.SelectAll();

}

private void fontToolStripMenuItem\_Click(object sender, EventArgs e)

{

FontDialog test = new FontDialog();

if(test.ShowDialog() == DialogResult.OK)

{

richTextBox1.Font = test.Font;

}

}

private void foreColorToolStripMenuItem\_Click(object sender, EventArgs e)

{

ColorDialog test = new ColorDialog();

if(test.ShowDialog() == DialogResult.OK)

{

richTextBox1.ForeColor = test.Color;

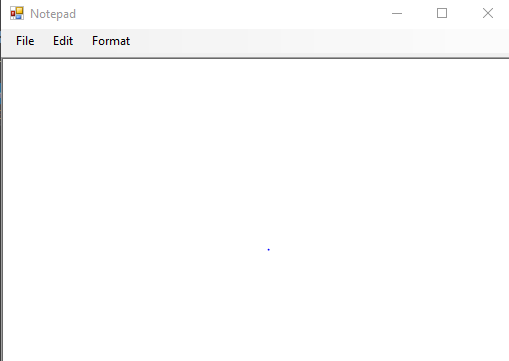
}

}

}

}

Output



Activity 2:

Code:

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 DatabaseApplication

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

string connectionstring = @"Data Source=(localdb)\MSSQLLocalDB;Initial catalog=master;Integrated Security=True";

private void button1\_Click(object sender, EventArgs e)

{

SqlConnection connection = new SqlConnection();

connection.ConnectionString = connectionstring;

connection.Open();

SqlCommand commands = new SqlCommand();

commands.Connection = connection;

commands.CommandText = @"SELECT \*FROM Kulsoom ";

SqlDataReader datareader = commands.ExecuteReader();

textBox1.Text += "ID" + " " + "Name" + " " + "Password" + "\r\n";

while (datareader.Read())

{

String data = datareader.GetValue(0) + " " + datareader.GetValue(1) + " " + datareader.GetValue(2);

textBox1.Text += data + "\r\n";

}

}

private void textBox1\_TextChanged(object sender, EventArgs e)

{

}

}

}

Output:

Activity 3:

Code:

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 WindowsFormsApplication18

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private person[] arr = new person[5];

private void Form1\_Load(object sender, EventArgs e)

{

dataGridView1.AutoSizeColumnsMode = DataGridViewAutoSizeColumnsMode.Fill;

}

private void btnLoad\_Click(object sender, EventArgs e)

{

arr[0] = new person("kulsoom", "Alias", "koonj");

arr[1] = new person("Humera", "Kulsoom", "Shaikh");

arr[2] = new person("Iqra", "Nadeem", "Shaikh");

arr[3] = new person("Sobia", "Kulsoom", "Shaikh");

arr[4] = new person("Sadia", "Inayat", "Shaikh");

dataGridView1.DataSource = arr;

}

public class person

{

String First\_name;

String last\_name;

String city;

public person() { }

public person(String First\_name,

String last\_name,

String city)

{

this.first\_name = First\_name;

this.Last\_name = last\_name;

this.City = city;

}

public string first\_name

{

get

{

return First\_name;

}

set

{

First\_name = value;

}

}

public string Last\_name

{

get { return last\_name; }

set { last\_name = value; }

}

public string City

{

get { return city; }

set { city = value; }

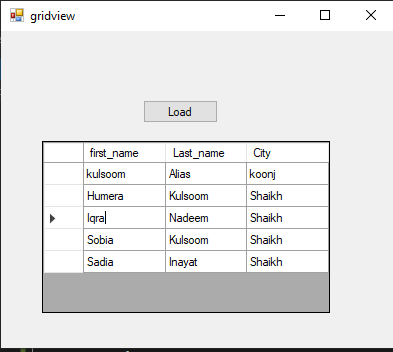
}

}

}

}

Output



Activity 4

Code: