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| **File Handling Concepts** |

**Develop an application for text editor using file handling concepts. Application should be able to create, edit the existing and save the text documents.**

**Code:**

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.IO;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using static System.Net.Mime.MediaTypeNames;

namespace Practical\_8

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

}

private void menuStrip1\_ItemClicked(object sender, ToolStripItemClickedEventArgs e)

{

}

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

{

richTextBox1.Text = null;

}

private void fileToolStripMenuItem1\_Click(object sender, EventArgs e)

{

SaveFileDialog sv = new SaveFileDialog();

sv.InitialDirectory = "C:\\";

sv.Filter = "txt files (\*.txt)|\*.txt|all files (\*.\*)|\*.\*";

sv.ShowDialog();

FileStream fs = new FileStream(sv.FileName, FileMode.Create);

StreamWriter sw = new StreamWriter(fs);

string s = richTextBox1.Text;

sw.WriteLine(s);

sw.Close();

fs.Close();

}

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

{

richTextBox1.Copy();

}

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

{

this.Close();

}

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

{

richTextBox1.SelectAll();

}

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

{

richTextBox1.Paste();

}

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

{

richTextBox1.Redo();

}

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

{

richTextBox1.Undo();

}

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

{

richTextBox1.Cut();

}

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

{

FontDialog f = new FontDialog();

f.ShowDialog();

richTextBox1.SelectionFont = f.Font;

}

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

{

ColorDialog c = new ColorDialog();

c.ShowDialog();

richTextBox1.SelectionColor= c.Color;

}

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

{

OpenFileDialog op = new OpenFileDialog();

op.InitialDirectory = "C:\\";

op.Filter = "txt files (\*.txt)|\*.txt|all files (\*.\*)|\*.\*";

op.ShowDialog();

FileStream fs = new FileStream(op.FileName, FileMode.Open);

StreamReader sr = new StreamReader(fs);

richTextBox1.Text = sr.ReadToEnd();

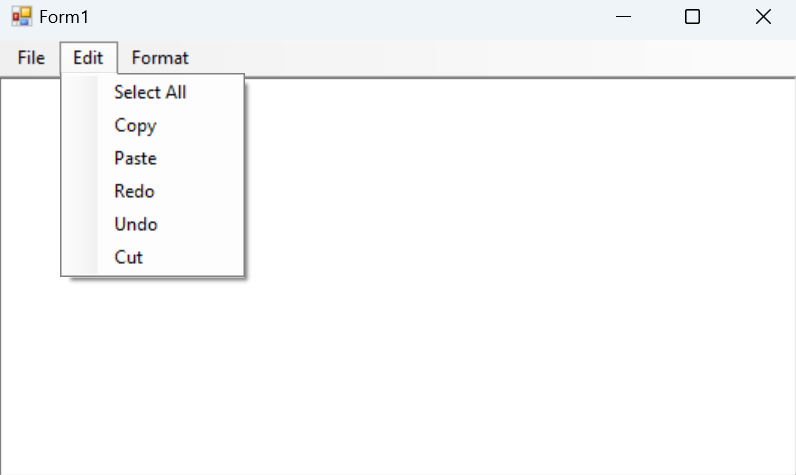
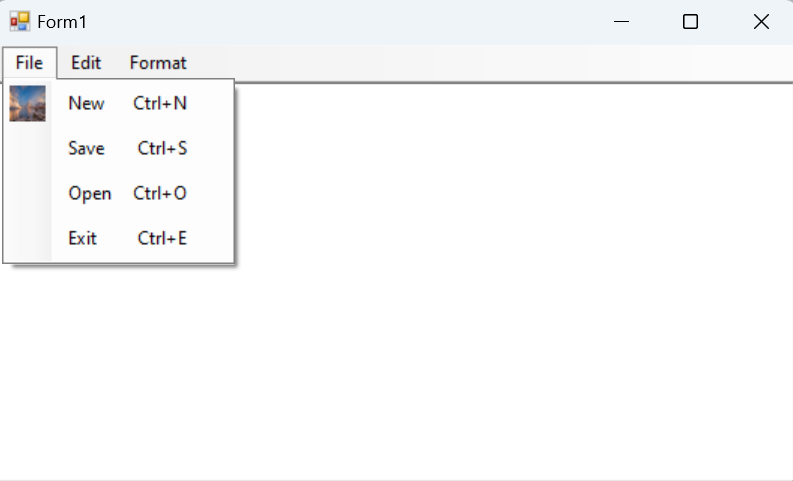
sr.Close();

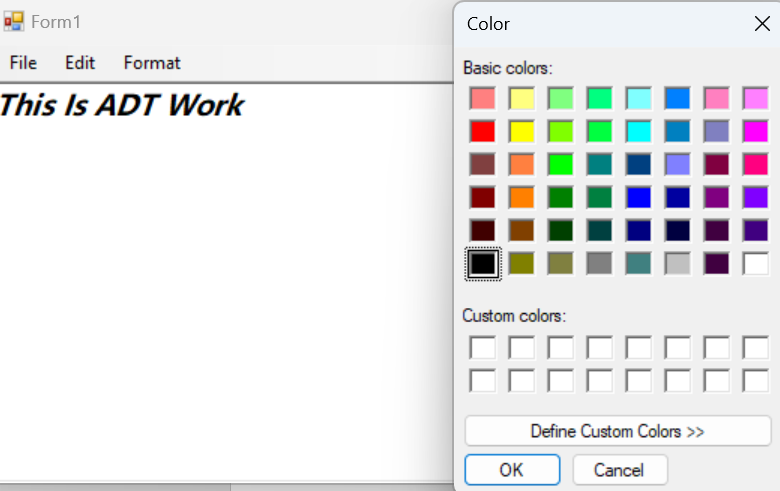
fs.Close();

}

}

}

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