

# Form1.cs

```
using System;
using System.IO;
using System.Collections;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Drawing.Printing;
using System.Linq;
using System.Text;
using System.Windows.Forms;
using System.Runtime.InteropServices;

namespace Notepad
{
    public partial class Form1 : Form
    {
        public String currentFile;
        readonly List<string> undoList;
        readonly List<string> redoList;
        int textSizeValue;

        public Form1()
        {
            InitializeComponent();
            currentFile = null;
            undoList = new List<string>();
            redoList = new List<string>();
            undoList.Add("");
            undoToolStripMenuItem.Enabled = false;
            redoToolStripMenuItem.Enabled = false;
            textSizeValue = 12;
        }

        private void ApplyStyle(FontStyle style)
```

```

{
    if (richTextBox1.SelectionLength > 0)
    {
        var selectedText = richTextBox1.SelectedText;
        var currentFont = richTextBox1.SelectionFont;
        if (currentFont == null) return;

        var newFontStyle = currentFont.Style ^ style;
        richTextBox1.SelectionFont = new Font(currentFont.FontFamily,
currentFont.Size, newFontStyle);

        undoList.Add(richTextBox1.Text);
        undoToolStripMenuItem.Enabled = true;
        redoList.Clear();
        redoToolStripMenuItem.Enabled = false;
    }
}

private void OpenFile()
{
    OpenFileDialog openFileDialog1 = new OpenFileDialog
    {
        InitialDirectory = "c:\\",
        Filter = "Rich Text Format (*.rtf)|*.rtf|All files (*.*)|*.*",
        FilterIndex = 1,
        RestoreDirectory = true
    };

    if (openFileDialog1.ShowDialog() == DialogResult.OK)
    {
        currentFile = openFileDialog1.FileName;
        string fileExtension = Path.GetExtension(currentFile).ToLower();
        if (fileExtension == ".rtf")
        {
            richTextBox1.LoadFile(currentFile,
RichTextBoxStreamType.RichText);

```

```

        }
        else
        {
            richTextBox1.LoadFile(currentFile,
RichTextBoxStreamType.PlainText);
        }
        saveToolStripMenuItem.Enabled = true;
        printToolStripMenuItem.Enabled = true;
        Text = currentFile + " - Notepad";
    }
}

```

```

private void OpenToolStripMenuItem_Click(object sender, EventArgs e)
{
    OpenFile();
}

```

```

private void OpenBtn_Click(object sender, EventArgs e)
{
    OpenFile();
}

```

```

private void SaveFileAs()
{
    SaveFileDialog saveFileDialog1 = new SaveFileDialog
    {
        InitialDirectory = "c:\\",
        Filter = "Rich Text Format (*.rtf)|*.rtf|All files (*.*)|*.*",
        FilterIndex = 1,
        RestoreDirectory = true
    };

    if (saveFileDialog1.ShowDialog() == DialogResult.OK)
    {
        currentFile = saveFileDialog1.FileName;
        Text = currentFile + " - Notepad";
    }
}

```

```

        SaveFile();
    }
    saveToolStripMenuItem.Enabled = true;
    printToolStripMenuItem.Enabled = true;
}

private void SaveAsToolStripMenuItem_Click(object sender, EventArgs e)
{
    SaveFileAs();
}

private void SaveFile()
{
    if (!string.IsNullOrEmpty(currentFile))
    {
        string fileExtension = Path.GetExtension(currentFile).ToLower();
        if (fileExtension == ".rtf")
        {
            richTextBox1.SaveFile(currentFile,
RichTextBoxStreamType.RichText);
        }
        else
        {
            richTextBox1.SaveFile(currentFile,
RichTextBoxStreamType.PlainText);
        }
    }
}

private void SaveToolStripMenuItem_Click(object sender, EventArgs e)
{
    SaveFile();
}

private void SaveBtn_Click(object sender, EventArgs e)
{
    SaveFile();
}

```

```

    }

    private void NewFile()
    {
        DialogResult result = MessageBox.Show("Do you want to save changes to
the current file?", "Warning", MessageBoxButtons.YesNoCancel,
MessageBoxIcon.Warning);
        if (result == DialogResult.Yes)
        {
            if (currentFile != null)
                SaveFile();
            else
                SaveFileAs();
        }
        else if (result == DialogResult.Cancel)
        {
            return;
        }
        richTextBox1.Text = "";
        saveToolStripMenuItem.Enabled = false;
        printToolStripMenuItem.Enabled = false;
        currentFile = null;
    }

    private void NewToolStripMenuItem_Click(object sender, EventArgs e)
    {
        NewFile();
    }

    private void NewBtn_Click(object sender, EventArgs e)
    {
        NewFile();
    }

    private void ExitToolStripMenuItem_Click(object sender, EventArgs e)
    {

```

```
        DialogResult result = MessageBox.Show("Do you really want to exit?\nAll the current changes will be lost", "Warning", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);
```

```
        if (result == DialogResult.Yes)
        {
            this.Close();
        }
        else if (result == DialogResult.No)
        {
            return;
        }
    }
}
```

```
private void RichTextBox1_TextChanged(object sender, EventArgs e)
{
    int numOfLines = richTextBox1.Lines.Length;
    linesLabel.Text = numOfLines.ToString();
    lengthLabel.Text = richTextBox1.Text.Length.ToString();
    undoToolStripMenuItem.Enabled = true;
    undoList.Add(richTextBox1.Text);
    printToolStripMenuItem.Enabled = true;
}
}
```

```
private void CutToolStripMenuItem_Click(object sender, EventArgs e)
{
    richTextBox1.Cut();
}
}
```

```
private void CutBtn_Click(object sender, EventArgs e)
{
    richTextBox1.Cut();
}
}
```

```
private void CopyToolStripMenuItem_Click(object sender, EventArgs e)
{
    richTextBox1.Copy();
}
```

```

    }

    private void CopyBtn_Click(object sender, EventArgs e)
    {
        richTextBox1.Copy();
    }

    private void PasteToolStripMenuItem_Click(object sender, EventArgs e)
    {
        richTextBox1.Paste();
    }

    private void Pastebtn_Click(object sender, EventArgs e)
    {
        richTextBox1.Paste();
    }

    private void Delete()
    {
        richTextBox1.Text =
richTextBox1.Text.Remove(richTextBox1.SelectionStart,
richTextBox1.SelectionLength);
    }

    private void DeleteToolStripMenuItem_Click(object sender, EventArgs e)
    {
        Delete();
    }

    private void Deletebtn_Click(object sender, EventArgs e)
    {
        Delete();
    }

    private void Find()
    {
        FindForm f1 = new FindForm();

```

```

f1.ShowDialog();
if (f1.GetFindWord() != "")
{

    int index = 0;
    while (index != -1 && index < richTextBox1.Text.Length)
    {
        index = richTextBox1.Text.IndexOf(f1.GetFindWord(), index);
        if (index != -1)
        {
            richTextBox1.Select(index, f1.GetFindWord().Length);
            index++;
        }
    }
    MessageBox.Show("The finding is complete.", "End");
}
else
{
    DialogResult result = MessageBox.Show("Do you want to proceed the
action?", "End", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);
    if (result == DialogResult.Yes)
    {
        f1.ShowDialog();
        if (f1.GetFindWord() != "")
        {

            int index = 0;
            while (index != -1 && index < richTextBox1.Text.Length)
            {
                index = richTextBox1.Text.IndexOf(f1.GetFindWord(),
index);

                if (index != -1)
                {
                    richTextBox1.Select(index,
f1.GetFindWord().Length);

                    index++;
                }
            }
        }
    }
}

```



```

        MessageBox.Show("The finding is complete.", "End");
    }
}
else if (result == DialogResult.No)
{
    f1.Close();
}
}
}

private void Reference()
{
    ReferenceForm reference = new ReferenceForm();
    reference.ShowDialog();
    if (reference.GetReference() != " (). . .")
    {
        richTextBox1.Text += reference.GetReference();
        MessageBox.Show("The finding is complete.", "Complete");
    }
    else
    {
        DialogResult result = MessageBox.Show("Do you want to proceed the
action?", "End", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);
        if (result == DialogResult.Yes)
        {
            reference.ShowDialog();
            if (reference.GetReference() != " (). . .")
            {
                richTextBox1.Text += reference.GetReference();
                MessageBox.Show("The finding is complete.", "Complete");
            }
        }
        else if (result == DialogResult.No)
        {
            reference.Close();
        }
    }
}

```

```

    }

    private void ReferenceToolStripMenuItem_Click(object sender, EventArgs e)
    {
        Reference();
    }

    private void ReferenceBtn_Click(object sender, EventArgs e)
    {
        Reference();
    }

    private void FindToolStripMenuItem_Click(object sender, EventArgs e)
    {
        Find();
    }

    private void FindBtn_Click(object sender, EventArgs e)
    {
        Find();
    }

    private void Replace()
    {
        ReplaceForm r1 = new ReplaceForm();
        r1.ShowDialog();
        String findWord = r1.findWord;
        String replaceWord = r1.replaceWord;
        if (findWord != "")
        {
            richTextBox1.Text = richTextBox1.Text.Replace(findWord,
replaceWord);
            MessageBox.Show("The change is complete.", "Done",
MessageBoxButtons.OK);
        }
        else
        {
            DialogResult result = MessageBox.Show("Do you want to proceed the
action?", "End", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);

```

```

        if (result == DialogResult.Yes)
        {
            r1.ShowDialog();
            if (findWord != "")
            {
                richTextBox1.Text = richTextBox1.Text.Replace(findWord,
replaceWord);
                MessageBox.Show("The change is complete.", "Done",
MessageBoxButtons.OK);
            }
        }
        else if (result == DialogResult.No)
        {
            r1.Close();
        }
    }
}

```

```

private void ReplaceToolStripMenuItem_Click(object sender, EventArgs e)
{
    Replace();
}

```

```

private void ReplaceBtn_Click(object sender, EventArgs e)
{
    Replace();
}

```

```

private void MyUndo()
{
    redoList.Add(richTextBox1.Text);
    redoToolStripMenuItem.Enabled = true;

    richTextBox1.Text = (String)undoList[undoList.Count - 1];
    undoList.RemoveAt(undoList.Count - 1);
}

```

```

        if (undoList.Count == 1)
        {
            undoToolStripMenuItem.Enabled = false;
        }
    }

    private void UndoToolStripMenuItem_Click(object sender, EventArgs e)
    {
        MyUndo();
    }

    private void Undo_Click(object sender, EventArgs e)
    {
        MyUndo();
    }

    private void MyRedo()
    {
        richTextBox1.Text = (String)redoList[redoList.Count - 1];
        redoList.RemoveAt(redoList.Count-1);
        if (redoList.Count == 0)
        {
            redoToolStripMenuItem.Enabled = false;
        }
    }

    private void RedoToolStripMenuItem_Click(object sender, EventArgs e)
    {
        MyRedo();
    }

    private void RedoBtn_Click(object sender, EventArgs e)
    {
        MyRedo();
    }

```

```
private void GoTo()
{

}

private void GoToToolStripMenuItem_Click(object sender, EventArgs e)
{
    GoTo();
}

private void GoToBtn_Click(object sender, EventArgs e)
{
    GoTo();
}

private void SelectAllToolStripMenuItem_Click(object sender, EventArgs e)
{
    richTextBox1.SelectAll();
}

private void SelectAllBtn_Click(object sender, EventArgs e)
{
    richTextBox1.SelectAll();
}

private void TimeDate()
{
    richTextBox1.Text = DateTime.Now.ToString("hh:mm:ss tt dd-MM-yyyy");
}

private void TimeDateToolStripMenuItem_Click(object sender, EventArgs e)
{
    TimeDate();
}
```

```

private void TimeDateBtn_Click(object sender, EventArgs e)
{
    TimeDate();
}

private void PrintToolStripMenuItem_Click(object sender, EventArgs e)
{
    PrintDialog printDlg = new PrintDialog();
    PrintDocument printDoc = new PrintDocument
    {
        DocumentName = currentFile
    };
    printDlg.Document = printDoc;
    printDlg.AllowSelection = true;
    printDlg.AllowSomePages = true;

    if (printDlg.ShowDialog() == DialogResult.OK)
        printDoc.Print();
}

private void ToolStripComboBox1_Click(object sender, EventArgs e)
{
}

private void FontBox_SelectedIndexChanged(object sender, EventArgs e)
{
    richTextBox1.Font = new Font(fontBox.SelectedItem.ToString(),
    textSizeValue);
}

private void ToolStripComboBox2_SelectedIndexChanged(object sender,
EventArgs e)
{
    textSizeValue = int.Parse(sizeBox.SelectedItem.ToString());
}

```

```
        richTextBox1.Font = new Font(fontBox.SelectedItem.ToString(),
textSizeValue);
    }

    private void FontToolStripMenuItem_Click(object sender, EventArgs e)
    {

    }

    private void UnderlineToolStripMenuItem_Click(object sender, EventArgs e)
    {
        ApplyStyle(FontStyle.Underline);
    }

    private void UnderLineBtn_Click(object sender, EventArgs e)
    {
        ApplyStyle(FontStyle.Underline);
    }

    private void BoldToolStripMenuItem_Click(object sender, EventArgs e)
    {
        ApplyStyle(FontStyle.Bold);
    }

    private void BoldBtn_Click(object sender, EventArgs e)
    {
        ApplyStyle(FontStyle.Bold);
    }

    private void ItalicToolStripMenuItem_Click(object sender, EventArgs e)
    {
        ApplyStyle(FontStyle.Italic);
    }

    private void ItalicBtn_Click(object sender, EventArgs e)
    {
        ApplyStyle(FontStyle.Italic);
    }
}
```

```

    }

    private void ImageToolStripMenuItem_Click(object sender, EventArgs e)
    {
        InsertImage();
    }

    private void InsertImage()
    {
        OpenFileDialog openFileDialog = new OpenFileDialog
        {
            InitialDirectory = "c:\\",
            Filter = "Image Files|*.bmp;*.jpg;*.jpeg;*.png;*.gif",
            FilterIndex = 1,
            RestoreDirectory = true
        };

        if (openFileDialog.ShowDialog() == DialogResult.OK)
        {
            try
            {
                Image img = Image.FromFile(openFileDialog.FileName);
                Clipboard.SetImage(img);
                richTextBox1.Paste();
                Clipboard.Clear();

                undoList.Add(richTextBox1.Rtf);
                undoToolStripMenuItem.Enabled = true;
                redoList.Clear();
                redoToolStripMenuItem.Enabled = false;
            }
            catch (Exception ex)
            {
                MessageBox.Show("An error occurred while inserting the image:
" + ex.Message);
            }
        }
    }

```



```

    }
}

private void SetAlignment(HorizontalAlignment alignment)
{
    richTextBox1.SelectionAlignment = alignment;

    undoList.Add(richTextBox1.Rtf);
    undoToolStripMenuItem.Enabled = true;
    redoList.Clear();
    redoToolStripMenuItem.Enabled = false;
}

private void LeftToolStripMenuItem_Click(object sender, EventArgs e)
{
    SetAlignment(HorizontalAlignment.Left);
}

private void RightToolStripMenuItem_Click(object sender, EventArgs e)
{
    SetAlignment(HorizontalAlignment.Right);
}

private void CenterToolStripMenuItem_Click(object sender, EventArgs e)
{
    SetAlignment(HorizontalAlignment.Center);
}

private void TableToolStripMenuItem_Click(object sender, EventArgs e)
{
    InsertTable();
}

private void InsertTable()
{
    using (Form TableForm = new Form())
    {

```

```

        TableForm.Width = 250;
        TableForm.Height = 150;
        TableForm.Text = "Table";

        Label rowsLabel = new Label() { Left = 10, Top = 10, Text =
"Rows" };

        Label columnsLabel = new Label() { Left = 10, Top = 40, Text =
"Columns" };

        TextBox rowsTextBox = new TextBox() { Left = 120, Top = 10, Width
= 100 };

        TextBox columnsTextBox = new TextBox() { Left = 120, Top = 40,
Width = 100 };

        Button confirmation = new Button() { Text = "OK", Left = 120,
Width = 50, Top = 70, DialogResult = DialogResult.OK };

        Button confirmation1 = new Button() { Text = "Cancel", Left =
170, Width = 50, Top = 70, DialogResult = DialogResult.Cancel };

        confirmation.Click += (sender, e) => { TableForm.Close(); };

        TableForm.Controls.Add(rowsLabel);
        TableForm.Controls.Add(columnsLabel);
        TableForm.Controls.Add(rowsTextBox);
        TableForm.Controls.Add(columnsTextBox);
        TableForm.Controls.Add(confirmation);
        TableForm.Controls.Add(confirmation1);
        TableForm.AcceptButton = confirmation;
        TableForm.CancelButton = confirmation1;

        if (TableForm.ShowDialog() == DialogResult.OK)
        {
            if (int.TryParse(rowsTextBox.Text, out int rows) &&
int.TryParse(columnsTextBox.Text, out int columns))
            {
                string rtfTable = GenerateTable(rows, columns);
                richTextBox1.SelectedRtf = rtfTable;

                undoList.Add(richTextBox1.Rtf);
                undoToolStripMenuItem.Enabled = true;
                redoList.Clear();
                redoToolStripMenuItem.Enabled = false;
            }
        }
    }
}

```

```

        }
        else
        {
            MessageBox.Show("Please enter valid numbers for rows and
columns.");
        }
    }
}

```

```

private string GenerateTable(int rows, int columns)
{
    StringBuilder rtfTable = new StringBuilder();
    rtfTable.Append(@"{\rtf1\ansi \trowd");

    int cellWidth = 1000;
    int cellHeight = 200;
    for (int c = 0; c < columns; c++)
    {
        rtfTable.Append(@"\cellx" + (cellWidth * (c + 1)));
    }
    for (int r = 0; r < rows; r++)
    {
        rtfTable.Append(@"\trrh" + cellHeight);
        for (int c = 0; c < columns; c++)
        {
            rtfTable.Append(@"\intbl \cell");
        }
        rtfTable.Append(@"\row");
    }
    rtfTable.Append(@"}");

    return rtfTable.ToString();
}

```

```

private void ChangeTextColor(Color color)
{

```

```
richTextBox1.SelectionColor = color;

undoList.Add(richTextBox1.Rtf);
undoToolStripMenuItem.Enabled = true;
redoList.Clear();
redoToolStripMenuItem.Enabled = false;
}

private void OrangeToolStripMenuItem_Click(object sender, EventArgs e)
{
    ChangeTextColor(Color.Orange);
}

private void RedToolStripMenuItem_Click(object sender, EventArgs e)
{
    ChangeTextColor(Color.Red);
}

private void WhiteToolStripMenuItem_Click(object sender, EventArgs e)
{
    ChangeTextColor(Color.White);
}

private void BlackToolStripMenuItem_Click(object sender, EventArgs e)
{
    ChangeTextColor(Color.Black);
}

private void BlueToolStripMenuItem_Click(object sender, EventArgs e)
{
    ChangeTextColor(Color.Blue);
}

private void YellowToolStripMenuItem_Click(object sender, EventArgs e)
{
    ChangeTextColor(Color.Yellow);
}
```

```

private void PinkToolStripMenuItem_Click(object sender, EventArgs e)
{
    ChangeTextColor(Color.Pink);
}

private void PurpleToolStripMenuItem_Click(object sender, EventArgs e)
{
    ChangeTextColor(Color.Purple);
}

private void GreenToolStripMenuItem_Click(object sender, EventArgs e)
{
    ChangeTextColor(Color.Green);
}

private void GrayToolStripMenuItem_Click(object sender, EventArgs e)
{
    ChangeTextColor(Color.Gray);
}

private void BrownToolStripMenuItem_Click(object sender, EventArgs e)
{
    ChangeTextColor(Color.Brown);
}
}
}

```

## Form1.Designer.cs

```

namespace Notepad
{
    partial class Form1
    {
        /// <summary>
        /// Required designer variable.
        /// </summary>

```

```

private System.ComponentModel.IContainer components = null;

/// <summary>
/// Clean up any resources being used.
/// </summary>
/// <param name="disposing">true if managed resources should be disposed;
otherwise, false.</param>
protected override void Dispose(bool disposing)
{
    if (disposing && (components != null))
    {
        components.Dispose();
    }
    base.Dispose(disposing);
}

#region Windows Form Designer generate code

private void InitializeComponent()
{
    this.menuStrip1 = new System.Windows.Forms.MenuStrip();
    this.fileToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();
    this.newToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();
    this.openToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();
    this.saveToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();
    this.saveAsToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();
    this.toolStripSeparator2 = new
System.Windows.Forms.ToolStripSeparator();
    this.printToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();
    this.toolStripSeparator3 = new
System.Windows.Forms.ToolStripSeparator();
    this.exitToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();
    this.formatToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

```

```
        this.fontToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.fontBox = new System.Windows.Forms.ToolStripComboBox();

        this.sizeToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.sizeBox = new System.Windows.Forms.ToolStripComboBox();

        this.underlineToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.boldToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.italicToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.alignToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.leftToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.rightToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.centerToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.colorToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.redToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.whiteToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.blackToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.oragneToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.blueToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.yellowToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.pinkToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.purpleToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.greenToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.grayToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.editToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.cutToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();
```

```
        this.copyToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.pasteToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.deleteToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.toolStripSeparator4 = new
System.Windows.Forms.ToolStripSeparator();

        this.undoToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.redoToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.toolStripSeparator5 = new
System.Windows.Forms.ToolStripSeparator();

        this.findToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.replaceToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.toolStripSeparator1 = new
System.Windows.Forms.ToolStripSeparator();

        this.gotoToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.selectallToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.timedateToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.insertToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.imageToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.referencesToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.tableToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.statusStrip1 = new System.Windows.Forms.StatusStrip();

        this.toolStripStatusLabel1 = new
System.Windows.Forms.ToolStripStatusLabel();

        this.linesLabel = new System.Windows.Forms.ToolStripStatusLabel();

        this.toolStripStatusLabel2 = new
System.Windows.Forms.ToolStripStatusLabel();

        this.lengthLabel = new System.Windows.Forms.ToolStripStatusLabel();

        this.richTextBox1 = new System.Windows.Forms.RichTextBox();

        this.brownToolStripMenuItem = new
System.Windows.Forms.ToolStripItem();

        this.menuStrip1.SuspendLayout();
```



```

        this.statusStrip1.SuspendLayout();
        this.SuspendLayout();
        //
        // menuStrip1
        //
        this.menuStrip1.GripMargin = new System.Windows.Forms.Padding(2, 2,
0, 2);

        this.menuStrip1.ImageScalingSize = new System.Drawing.Size(32, 32);
        this.menuStrip1.Items.AddRange(new
System.Windows.Forms.ToolStripItem[] {
            this.fileToolStripMenuItem,
            this.formatToolStripMenuItem,
            this.editToolStripMenuItem,
            this.insertToolStripMenuItem});
        this.menuStrip1.Location = new System.Drawing.Point(0, 0);
        this.menuStrip1.Name = "menuStrip1";
        this.menuStrip1.Size = new System.Drawing.Size(2884, 40);
        this.menuStrip1.TabIndex = 0;
        this.menuStrip1.Text = "menuStrip1";
        //
        // fileToolStripMenuItem
        //
        this.fileToolStripMenuItem.DropDownItems.AddRange(new
System.Windows.Forms.ToolStripItem[] {
            this.newToolStripMenuItem,
            this.openToolStripMenuItem,
            this.saveToolStripMenuItem,
            this.saveAsToolStripMenuItem,
            this.toolStripSeparator2,
            this.printToolStripMenuItem,
            this.toolStripSeparator3,
            this.exitToolStripMenuItem});
        this.fileToolStripMenuItem.Name = "fileToolStripMenuItem";
        this.fileToolStripMenuItem.Size = new System.Drawing.Size(71, 36);
        this.fileToolStripMenuItem.Text = "File";
        //
        // newToolStripMenuItem
        //

```

```

        this.newToolStripMenuItem.Image =
global::Notepad.Properties.Resources._new;

        this.newToolStripMenuItem.Name = "newToolStripMenuItem";

        this.newToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.N)));

        this.newToolStripMenuItem.Size = new System.Drawing.Size(351, 44);

        this.newToolStripMenuItem.Text = "&New";

        this.newToolStripMenuItem.Click += new
System.EventHandler(this.NewToolStripMenuItem_Click);

        //

        // openToolStripMenuItem

        //

        this.openToolStripMenuItem.Image =
global::Notepad.Properties.Resources.open;

        this.openToolStripMenuItem.Name = "openToolStripMenuItem";

        this.openToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.O)));

        this.openToolStripMenuItem.Size = new System.Drawing.Size(351, 44);

        this.openToolStripMenuItem.Text = "&Open";

        this.openToolStripMenuItem.Click += new
System.EventHandler(this.OpenToolStripMenuItem_Click);

        //

        // saveToolStripMenuItem

        //

        this.saveToolStripMenuItem.Enabled = false;

        this.saveToolStripMenuItem.Image =
global::Notepad.Properties.Resources.save;

        this.saveToolStripMenuItem.Name = "saveToolStripMenuItem";

        this.saveToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.S)));

        this.saveToolStripMenuItem.Size = new System.Drawing.Size(351, 44);

        this.saveToolStripMenuItem.Text = "&Save";

        this.saveToolStripMenuItem.Click += new
System.EventHandler(this.SaveToolStripMenuItem_Click);

        //

        // saveAsToolStripMenuItem

        //

        this.saveAsToolStripMenuItem.Image =
global::Notepad.Properties.Resources.save;

```

```

        this.saveAsToolStripMenuItem.Name = "saveAsToolStripMenuItem";

        this.saveAsToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)(((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.Alt)
    | System.Windows.Forms.Keys.S)))));

        this.saveAsToolStripMenuItem.Size = new System.Drawing.Size(351, 44);
        this.saveAsToolStripMenuItem.Text = "Save as";

        this.saveAsToolStripMenuItem.Click += new
System.EventHandler(this.SaveAsToolStripMenuItem_Click);
        //
        // toolStripSeparator2
        //
        this.toolStripSeparator2.Name = "toolStripSeparator2";
        this.toolStripSeparator2.Size = new System.Drawing.Size(348, 6);
        //
        // printToolStripMenuItem
        //
        this.printToolStripMenuItem.Enabled = false;

        this.printToolStripMenuItem.Image =
global::Notepad.Properties.Resources.print;

        this.printToolStripMenuItem.Name = "printToolStripMenuItem";

        this.printToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)(((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.P)))));

        this.printToolStripMenuItem.Size = new System.Drawing.Size(351, 44);
        this.printToolStripMenuItem.Text = "&Print";

        this.printToolStripMenuItem.Click += new
System.EventHandler(this.PrintToolStripMenuItem_Click);
        //
        // toolStripSeparator3
        //
        this.toolStripSeparator3.Name = "toolStripSeparator3";
        this.toolStripSeparator3.Size = new System.Drawing.Size(348, 6);
        //
        // exitToolStripMenuItem
        //
        this.exitToolStripMenuItem.Image =
global::Notepad.Properties.Resources.exit;

        this.exitToolStripMenuItem.Name = "exitToolStripMenuItem";

```

```

        this.exitToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.E)));

        this.exitToolStripMenuItem.Size = new System.Drawing.Size(351, 44);
        this.exitToolStripMenuItem.Text = "&Exit";
        this.exitToolStripMenuItem.Click += new
System.EventHandler(this.ExitToolStripMenuItem_Click);
//
// formatToolStripMenuItem
//
        this.formatToolStripMenuItem.DropDownItems.AddRange(new
System.Windows.Forms.ToolStripItem[] {
        this.fontToolStripMenuItem,
        this.sizeToolStripMenuItem,
        this.underlineToolStripMenuItem,
        this.boldToolStripMenuItem,
        this.italicToolStripMenuItem,
        this.alignToolStripMenuItem,
        this.colorToolStripMenuItem});
        this.formatToolStripMenuItem.Name = "formatToolStripMenuItem";
        this.formatToolStripMenuItem.Size = new System.Drawing.Size(109, 36);
        this.formatToolStripMenuItem.Text = "Format";
//
// fontToolStripMenuItem
//
        this.fontToolStripMenuItem.DropDownItems.AddRange(new
System.Windows.Forms.ToolStripItem[] {
        this.fontBox});
        this.fontToolStripMenuItem.Image =
global::Notepad.Properties.Resources.font;
        this.fontToolStripMenuItem.Name = "fontToolStripMenuItem";
        this.fontToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
        this.fontToolStripMenuItem.Text = "Font";
        this.fontToolStripMenuItem.Click += new
System.EventHandler(this.FontToolStripMenuItem_Click);
//
// fontBox
//
        this.fontBox.Items.AddRange(new object[] {
        "Microsoft Sans Serif",

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        "Times New Roman",
        "Arial",
        "Calibri",
        "Comic Sans MS",
        "MS Outlook"});
        this.fontBox.Name = "fontBox";
        this.fontBox.Size = new System.Drawing.Size(120, 40);
        this.fontBox.Text = "Font";

        this.fontBox.SelectedIndexChanged += new
System.EventHandler(this.FontBox_SelectedIndexChanged);

        this.fontBox.Click += new
System.EventHandler(this.ToolStripComboBox1_Click);
        //
        // sizeToolStripMenuItem
        //
        this.sizeToolStripMenuItem.DropDownItems.AddRange(new
System.Windows.Forms.ToolStripItem[] {
        this.sizeBox});

        this.sizeToolStripMenuItem.Image =
global::Notepad.Properties.Resources.size;

        this.sizeToolStripMenuItem.Name = "sizeToolStripMenuItem";
        this.sizeToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
        this.sizeToolStripMenuItem.Text = "Size";
        //
        // sizeBox
        //
        this.sizeBox.Items.AddRange(new object[] {
        "8",
        "9",
        "10",
        "11",
        "12",
        "14",
        "16",
        "18",
        "20",
        "22",
        "24",

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        "26",
        "28",
        "36",
        "48",
        "72"});
        this.sizeBox.Name = "sizeBox";
        this.sizeBox.Size = new System.Drawing.Size(120, 40);
        this.sizeBox.Text = "Size";

        this.sizeBox.SelectedIndexChanged += new
System.EventHandler(this.ToolStripComboBox2_SelectedIndexChanged);
        //
        // underlineToolStripMenuItem
        //
        this.underlineToolStripMenuItem.Image =
global::Notepad.Properties.Resources.underline;
        this.underlineToolStripMenuItem.Name = "underlineToolStripMenuItem";
        this.underlineToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.U)));
        this.underlineToolStripMenuItem.Size = new System.Drawing.Size(359,
44);
        this.underlineToolStripMenuItem.Text = "Underline";
        this.underlineToolStripMenuItem.Click += new
System.EventHandler(this.UnderlineToolStripMenuItem_Click);
        //
        // boldToolStripMenuItem
        //
        this.boldToolStripMenuItem.Image =
global::Notepad.Properties.Resources.bold;
        this.boldToolStripMenuItem.Name = "boldToolStripMenuItem";
        this.boldToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.B)));
        this.boldToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
        this.boldToolStripMenuItem.Text = "Bold";
        this.boldToolStripMenuItem.Click += new
System.EventHandler(this.BoldToolStripMenuItem_Click);
        //
        // italicToolStripMenuItem
        //

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        this.italicToolStripMenuItem.Image =
global::Notepad.Properties.Resources.italic;

        this.italicToolStripMenuItem.Name = "italicToolStripMenuItem";

        this.italicToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.I)));

        this.italicToolStripMenuItem.Size = new System.Drawing.Size(359, 44);

        this.italicToolStripMenuItem.Text = "Italic";

        this.italicToolStripMenuItem.Click += new
System.EventHandler(this.ItalicToolStripMenuItem_Click);

        //
        // alignToolStripMenuItem
        //

        this.alignToolStripMenuItem.DropDownItems.AddRange(new
System.Windows.Forms.ToolStripItem[] {

            this.leftToolStripMenuItem,

            this.rightToolStripMenuItem,

            this.centerToolStripMenuItem});

        this.alignToolStripMenuItem.Image =
global::Notepad.Properties.Resources.align;

        this.alignToolStripMenuItem.Name = "alignToolStripMenuItem";

        this.alignToolStripMenuItem.Size = new System.Drawing.Size(359, 44);

        this.alignToolStripMenuItem.Text = "Align";

        //
        // leftToolStripMenuItem
        //

        this.leftToolStripMenuItem.Image =
global::Notepad.Properties.Resources.left;

        this.leftToolStripMenuItem.Name = "leftToolStripMenuItem";

        this.leftToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.L)));

        this.leftToolStripMenuItem.Size = new System.Drawing.Size(299, 44);

        this.leftToolStripMenuItem.Text = "Left";

        this.leftToolStripMenuItem.Click += new
System.EventHandler(this.LeftToolStripMenuItem_Click);

        //
        // rightToolStripMenuItem
        //

        this.rightToolStripMenuItem.Image =
global::Notepad.Properties.Resources.right;

```

```

        this.rightToolStripMenuItem.Name = "rightToolStripMenuItem";

        this.rightToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.E)));

        this.rightToolStripMenuItem.Size = new System.Drawing.Size(299, 44);
        this.rightToolStripMenuItem.Text = "Right";

        this.rightToolStripMenuItem.Click += new
System.EventHandler(this.RightToolStripMenuItem_Click);
        //
        // centerToolStripMenuItem
        //

        this.centerToolStripMenuItem.Image =
global::Notepad.Properties.Resources.center;

        this.centerToolStripMenuItem.Name = "centerToolStripMenuItem";

        this.centerToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.R)));

        this.centerToolStripMenuItem.Size = new System.Drawing.Size(299, 44);
        this.centerToolStripMenuItem.Text = "Center";

        this.centerToolStripMenuItem.Click += new
System.EventHandler(this.CenterToolStripMenuItem_Click);
        //
        // colorToolStripMenuItem
        //

        this.colorToolStripMenuItem.DropDownItems.AddRange(new
System.Windows.Forms.ToolStripItem[] {
            this.redToolStripMenuItem,
            this.whiteToolStripMenuItem,
            this.blackToolStripMenuItem,
            this.oragneToolStripMenuItem,
            this.blueToolStripMenuItem,
            this.yellowToolStripMenuItem,
            this.pinkToolStripMenuItem,
            this.purpleToolStripMenuItem,
            this.greenToolStripMenuItem,
            this.grayToolStripMenuItem,
            this.brownToolStripMenuItem});

        this.colorToolStripMenuItem.Name = "colorToolStripMenuItem";
        this.colorToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
        this.colorToolStripMenuItem.Text = "Color";

```



```

//
// redToolStripMenuItem
//
this.redToolStripMenuItem.Name = "redToolStripMenuItem";
this.redToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
this.redToolStripMenuItem.Text = "Red";
this.redToolStripMenuItem.Click += new
System.EventHandler(this.RedToolStripMenuItem_Click);
//
// whiteToolStripMenuItem
//
this.whiteToolStripMenuItem.Name = "whiteToolStripMenuItem";
this.whiteToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
this.whiteToolStripMenuItem.Text = "White";
this.whiteToolStripMenuItem.Click += new
System.EventHandler(this.WhiteToolStripMenuItem_Click);
//
// blackToolStripMenuItem
//
this.blackToolStripMenuItem.Name = "blackToolStripMenuItem";
this.blackToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
this.blackToolStripMenuItem.Text = "Black";
this.blackToolStripMenuItem.Click += new
System.EventHandler(this.BlackToolStripMenuItem_Click);
//
// oragneToolStripMenuItem
//
this.oragneToolStripMenuItem.Name = "oragneToolStripMenuItem";
this.oragneToolStripMenuItem.Size = new System.Drawing.Size(359,
44);
this.oragneToolStripMenuItem.Text = "Orange";
this.oragneToolStripMenuItem.Click += new
System.EventHandler(this.OrangeToolStripMenuItem_Click);
//
// blueToolStripMenuItem
//
this.blueToolStripMenuItem.Name = "blueToolStripMenuItem";
this.blueToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
this.blueToolStripMenuItem.Text = "Blue";

```

```
        this.blueToolStripMenuItem.Click += new
System.EventHandler(this.BlueToolStripMenuItem_Click);
        //
        // yellowToolStripMenuItem
        //
        this.yellowToolStripMenuItem.Name = "yellowToolStripMenuItem";
        this.yellowToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
        this.yellowToolStripMenuItem.Text = "Yellow";
        this.yellowToolStripMenuItem.Click += new
System.EventHandler(this.YellowToolStripMenuItem_Click);
        //
        // pinkToolStripMenuItem
        //
        this.pinkToolStripMenuItem.Name = "pinkToolStripMenuItem";
        this.pinkToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
        this.pinkToolStripMenuItem.Text = "Pink";
        this.pinkToolStripMenuItem.Click += new
System.EventHandler(this.PinkToolStripMenuItem_Click);
        //
        // purpleToolStripMenuItem
        //
        this.purpleToolStripMenuItem.Name = "purpleToolStripMenuItem";
        this.purpleToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
        this.purpleToolStripMenuItem.Text = "Purple";
        this.purpleToolStripMenuItem.Click += new
System.EventHandler(this.PurpleToolStripMenuItem_Click);
        //
        // greenToolStripMenuItem
        //
        this.greenToolStripMenuItem.Name = "greenToolStripMenuItem";
        this.greenToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
        this.greenToolStripMenuItem.Text = "Green";
        this.greenToolStripMenuItem.Click += new
System.EventHandler(this.GreenToolStripMenuItem_Click);
        //
        // grayToolStripMenuItem
        //
        this.grayToolStripMenuItem.Name = "grayToolStripMenuItem";
        this.grayToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
```

```

        this.grayToolStripMenuItem.Text = "Gray";
        this.grayToolStripMenuItem.Click += new
System.EventHandler(this.GrayToolStripMenuItem_Click);
        //
        // brownToolStripMenuItem
        //
        this.brownToolStripMenuItem.Name = "brownToolStripMenuItem";
        this.brownToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
        this.brownToolStripMenuItem.Text = "Brown";
        this.brownToolStripMenuItem.Click += new
System.EventHandler(this.BrownToolStripMenuItem_Click);
        //
        // editToolStripMenuItem
        //
        this.editToolStripMenuItem.DropDownItems.AddRange(new
System.Windows.Forms.ToolStripItem[] {
            this.cutToolStripMenuItem,
            this.copyToolStripMenuItem,
            this.pasteToolStripMenuItem,
            this.deleteToolStripMenuItem,
            this.toolStripSeparator4,
            this.undoToolStripMenuItem,
            this.redoToolStripMenuItem,
            this.toolStripSeparator5,
            this.findToolStripMenuItem,
            this.replaceToolStripMenuItem,
            this.toolStripSeparator1,
            this.gotoToolStripMenuItem,
            this.selectallToolStripMenuItem,
            this.timedateToolStripMenuItem});
        this.editToolStripMenuItem.Name = "editToolStripMenuItem";
        this.editToolStripMenuItem.Size = new System.Drawing.Size(74, 36);
        this.editToolStripMenuItem.Text = "Edit";
        //
        // cutToolStripMenuItem
        //
        this.cutToolStripMenuItem.Image =
global::Notepad.Properties.Resources.cut;

```

```

        this.cutToolStripMenuItem.Name = "cutToolStripMenuItem";

        this.cutToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.X)));

        this.cutToolStripMenuItem.Size = new System.Drawing.Size(410, 44);

        this.cutToolStripMenuItem.Text = "Cut";

        this.cutToolStripMenuItem.Click += new
System.EventHandler(this.CutToolStripMenuItem_Click);

        //
        // copyToolStripMenuItem
        //

        this.copyToolStripMenuItem.Image =
global::Notepad.Properties.Resources.copy;

        this.copyToolStripMenuItem.Name = "copyToolStripMenuItem";

        this.copyToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.C)));

        this.copyToolStripMenuItem.Size = new System.Drawing.Size(410, 44);

        this.copyToolStripMenuItem.Text = "Copy";

        this.copyToolStripMenuItem.Click += new
System.EventHandler(this.CopyToolStripMenuItem_Click);

        //
        // pasteToolStripMenuItem
        //

        this.pasteToolStripMenuItem.Image =
global::Notepad.Properties.Resources.paste;

        this.pasteToolStripMenuItem.Name = "pasteToolStripMenuItem";

        this.pasteToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.V)));

        this.pasteToolStripMenuItem.Size = new System.Drawing.Size(410, 44);

        this.pasteToolStripMenuItem.Text = "Paste";

        this.pasteToolStripMenuItem.Click += new
System.EventHandler(this.PasteToolStripMenuItem_Click);

        //
        // deleteToolStripMenuItem
        //

        this.deleteToolStripMenuItem.Image =
global::Notepad.Properties.Resources.delete;

        this.deleteToolStripMenuItem.Name = "deleteToolStripMenuItem";

        this.deleteToolStripMenuItem.ShortcutKeys =
System.Windows.Forms.Keys.Delete;

```

```

        this.deleteToolStripMenuItem.Size = new System.Drawing.Size(410, 44);
        this.deleteToolStripMenuItem.Text = "Delete";
        this.deleteToolStripMenuItem.Click += new
System.EventHandler(this.DeleteToolStripMenuItem_Click);
        //
        // toolStripSeparator4
        //
        this.toolStripSeparator4.Name = "toolStripSeparator4";
        this.toolStripSeparator4.Size = new System.Drawing.Size(407, 6);
        //
        // undoToolStripMenuItem
        //
        this.undoToolStripMenuItem.Image =
global::Notepad.Properties.Resources.undo;
        this.undoToolStripMenuItem.Name = "undoToolStripMenuItem";
        this.undoToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.Z)));
        this.undoToolStripMenuItem.Size = new System.Drawing.Size(410, 44);
        this.undoToolStripMenuItem.Text = "Undo";
        this.undoToolStripMenuItem.Click += new
System.EventHandler(this.UndoToolStripMenuItem_Click);
        //
        // redoToolStripMenuItem
        //
        this.redoToolStripMenuItem.Image =
global::Notepad.Properties.Resources.redo;
        this.redoToolStripMenuItem.Name = "redoToolStripMenuItem";
        this.redoToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.Y)));
        this.redoToolStripMenuItem.Size = new System.Drawing.Size(410, 44);
        this.redoToolStripMenuItem.Text = "Redo";
        this.redoToolStripMenuItem.Click += new
System.EventHandler(this.RedoToolStripMenuItem_Click);
        //
        // toolStripSeparator5
        //
        this.toolStripSeparator5.Name = "toolStripSeparator5";
        this.toolStripSeparator5.Size = new System.Drawing.Size(407, 6);

```

```

//
// findToolStripMenuItem
//
    this.findToolStripMenuItem.Image =
global::Notepad.Properties.Resources.find;

    this.findToolStripMenuItem.Name = "findToolStripMenuItem";

    this.findToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.F)));

    this.findToolStripMenuItem.Size = new System.Drawing.Size(410, 44);
    this.findToolStripMenuItem.Text = "Find";

    this.findToolStripMenuItem.Click += new
System.EventHandler(this.FindToolStripMenuItem_Click);
//
// replaceToolStripMenuItem
//
    this.replaceToolStripMenuItem.Image =
global::Notepad.Properties.Resources.replace;

    this.replaceToolStripMenuItem.Name = "replaceToolStripMenuItem";

    this.replaceToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.R)));

    this.replaceToolStripMenuItem.Size = new System.Drawing.Size(410,
44);

    this.replaceToolStripMenuItem.Text = "Find and Replace";

    this.replaceToolStripMenuItem.Click += new
System.EventHandler(this.ReplaceToolStripMenuItem_Click);
//
// toolStripSeparator1
//
    this.toolStripSeparator1.Name = "toolStripSeparator1";
    this.toolStripSeparator1.Size = new System.Drawing.Size(407, 6);
//
// gotoToolStripMenuItem
//
    this.gotoToolStripMenuItem.Image =
global::Notepad.Properties.Resources._goto;

    this.gotoToolStripMenuItem.Name = "gotoToolStripMenuItem";

    this.gotoToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.G)));

    this.gotoToolStripMenuItem.Size = new System.Drawing.Size(410, 44);

```

```

        this.gotoToolStripMenuItem.Text = "Go to";
        this.gotoToolStripMenuItem.Click += new
System.EventHandler(this.GoToToolStripMenuItem_Click);
        //
        // selectallToolStripMenuItem
        //
        this.selectallToolStripMenuItem.Image =
global::Notepad.Properties.Resources.selectall;
        this.selectallToolStripMenuItem.Name = "selectallToolStripMenuItem";
        this.selectallToolStripMenuItem.ShortcutKeys =
((System.Windows.Forms.Keys)((System.Windows.Forms.Keys.Control |
System.Windows.Forms.Keys.A)));
        this.selectallToolStripMenuItem.Size = new System.Drawing.Size(410,
44);
        this.selectallToolStripMenuItem.Text = "Select All";
        this.selectallToolStripMenuItem.Click += new
System.EventHandler(this.SelectAllToolStripMenuItem_Click);
        //
        // timedateToolStripMenuItem
        //
        this.timedateToolStripMenuItem.Image =
global::Notepad.Properties.Resources.time;
        this.timedateToolStripMenuItem.Name = "timedateToolStripMenuItem";
        this.timedateToolStripMenuItem.ShortcutKeys =
System.Windows.Forms.Keys.F5;
        this.timedateToolStripMenuItem.Size = new System.Drawing.Size(410,
44);
        this.timedateToolStripMenuItem.Text = "Time/Date";
        this.timedateToolStripMenuItem.Click += new
System.EventHandler(this.TimeDateToolStripMenuItem_Click);
        //
        // insertToolStripMenuItem
        //
        this.insertToolStripMenuItem.DropDownItems.AddRange(new
System.Windows.Forms.ToolStripItem[] {
        this.imageToolStripMenuItem,
        this.referencesToolStripMenuItem,
        this.tableToolStripMenuItem});
        this.insertToolStripMenuItem.Name = "insertToolStripMenuItem";
        this.insertToolStripMenuItem.Size = new System.Drawing.Size(93, 36);
        this.insertToolStripMenuItem.Text = "Insert";

```

```

//
// imageToolStripMenuItem
//
    this.imageToolStripMenuItem.Image =
global::Notepad.Properties.Resources.image;
    this.imageToolStripMenuItem.Name = "imageToolStripMenuItem";
    this.imageToolStripMenuItem.Size = new System.Drawing.Size(253, 44);
    this.imageToolStripMenuItem.Text = "Image";
    this.imageToolStripMenuItem.Click += new
System.EventHandler(this.ImageToolStripMenuItem_Click);
//
// referencesToolStripMenuItem
//
    this.referencesToolStripMenuItem.Image =
global::Notepad.Properties.Resources.reference;
    this.referencesToolStripMenuItem.Name =
"referencesToolStripMenuItem";
    this.referencesToolStripMenuItem.Size = new System.Drawing.Size(253,
44);
    this.referencesToolStripMenuItem.Text = "Reference";
    this.referencesToolStripMenuItem.Click += new
System.EventHandler(this.ReferenceToolStripMenuItem_Click);
//
// tableToolStripMenuItem
//
    this.tableToolStripMenuItem.Image =
global::Notepad.Properties.Resources.table;
    this.tableToolStripMenuItem.Name = "tableToolStripMenuItem";
    this.tableToolStripMenuItem.Size = new System.Drawing.Size(253, 44);
    this.tableToolStripMenuItem.Text = "Table";
    this.tableToolStripMenuItem.Click += new
System.EventHandler(this.TableToolStripMenuItem_Click);
//
// statusStrip1
//
    this.statusStrip1.ImageScalingSize = new System.Drawing.Size(32, 32);
    this.statusStrip1.Items.AddRange(new
System.Windows.Forms.ToolStripItem[] {
    this.toolStripStatusLabel1,
    this.linesLabel,

```



```

        this.toolStripStatusLabel2,
        this.lengthLabel});
        this.statusStrip1.Location = new System.Drawing.Point(0, 1717);
        this.statusStrip1.Name = "statusStrip1";
        this.statusStrip1.Padding = new System.Windows.Forms.Padding(2, 0,
28, 0);

        this.statusStrip1.Size = new System.Drawing.Size(2884, 42);
        this.statusStrip1.TabIndex = 3;
        this.statusStrip1.Text = "statusStrip1";
        //
        // toolStripStatusLabel1
        //
        this.toolStripStatusLabel1.Name = "toolStripStatusLabel1";
        this.toolStripStatusLabel1.Size = new System.Drawing.Size(73, 32);
        this.toolStripStatusLabel1.Text = "Lines:";
        //
        // linesLabel
        //
        this.linesLabel.Name = "linesLabel";
        this.linesLabel.Size = new System.Drawing.Size(27, 32);
        this.linesLabel.Text = "0";
        //
        // toolStripStatusLabel2
        //
        this.toolStripStatusLabel2.Name = "toolStripStatusLabel2";
        this.toolStripStatusLabel2.Size = new System.Drawing.Size(93, 32);
        this.toolStripStatusLabel2.Text = "Length:";
        //
        // lengthLabel
        //
        this.lengthLabel.Name = "lengthLabel";
        this.lengthLabel.Size = new System.Drawing.Size(27, 32);
        this.lengthLabel.Text = "0";
        //
        // richTextBox1
        //
        this.richTextBox1.Location = new System.Drawing.Point(12, 44);

```

```

this.richTextBox1.Margin = new System.Windows.Forms.Padding(4);
this.richTextBox1.Name = "richTextBox1";
this.richTextBox1.Size = new System.Drawing.Size(2844, 1497);
this.richTextBox1.TabIndex = 4;
this.richTextBox1.Text = "";
//
// brownToolStripMenuItem
//
this.brownToolStripMenuItem.Name = "brownToolStripMenuItem";
this.brownToolStripMenuItem.Size = new System.Drawing.Size(359, 44);
this.brownToolStripMenuItem.Text = "Brown";
//
// Form1
//
this.AutoScaleDimensions = new System.Drawing.SizeF(12F, 25F);
this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
this.ClientSize = new System.Drawing.Size(2884, 1759);
this.Controls.Add(this.richTextBox1);
this.Controls.Add(this.statusStrip1);
this.Controls.Add(this.menuStrip1);
this.MainMenuStrip = this.menuStrip1;
this.Margin = new System.Windows.Forms.Padding(6);
this.Name = "Form1";
this.Text = "NoteTaking";
this.menuStrip1.ResumeLayout(false);
this.menuStrip1.PerformLayout();
this.statusStrip1.ResumeLayout(false);
this.statusStrip1.PerformLayout();
this.ResumeLayout(false);
this.PerformLayout();

```

```

}

```

```

#endregion

```

```

private System.Windows.Forms.MenuStrip menuStrip1;
private System.Windows.Forms.ToolStripMenuItem fileToolStripMenuItem;

```

```

private System.Windows.Forms.ToolStripItem newToolStripMenuItem;
private System.Windows.Forms.ToolStripItem openToolStripMenuItem;
private System.Windows.Forms.ToolStripItem saveToolStripMenuItem;
private System.Windows.Forms.ToolStripItem saveAsToolStripMenuItem;
private System.Windows.Forms.ToolStripItem toolStripSeparator2;
private System.Windows.Forms.ToolStripItem printToolStripMenuItem;
private System.Windows.Forms.ToolStripItem toolStripSeparator3;
private System.Windows.Forms.ToolStripItem exitToolStripMenuItem;
private System.Windows.Forms.ToolStripItem formatToolStripMenuItem;
private System.Windows.Forms.ToolStripItem fontToolStripMenuItem;
private System.Windows.Forms.ToolStripComboBox fontBox;
private System.Windows.Forms.ToolStripItem sizeToolStripMenuItem;
private System.Windows.Forms.ToolStripComboBox sizeBox;
private System.Windows.Forms.ToolStripItem editToolStripMenuItem;
private System.Windows.Forms.ToolStripItem cutToolStripMenuItem;
private System.Windows.Forms.ToolStripItem copyToolStripMenuItem;
private System.Windows.Forms.ToolStripItem pasteToolStripMenuItem;
private System.Windows.Forms.ToolStripItem redoToolStripMenuItem;
private System.Windows.Forms.StatusStrip statusStrip1;
private System.Windows.Forms.ToolStripStatusLabel toolStripStatusLabel1;
private System.Windows.Forms.ToolStripStatusLabel linesLabel;
private System.Windows.Forms.ToolStripStatusLabel toolStripStatusLabel2;
private System.Windows.Forms.ToolStripStatusLabel lengthLabel;
private System.Windows.Forms.ToolStripItem undoToolStripMenuItem;
private System.Windows.Forms.ToolStripItem
selectallToolStripMenuItem;
private System.Windows.Forms.ToolStripItem timedateToolStripMenuItem;
private System.Windows.Forms.ToolStripItem deleteToolStripMenuItem;
private System.Windows.Forms.ToolStripSeparator toolStripSeparator4;
private System.Windows.Forms.ToolStripSeparator toolStripSeparator5;
private System.Windows.Forms.ToolStripItem gotoToolStripMenuItem;
private System.Windows.Forms.ToolStripItem findToolStripMenuItem;
private System.Windows.Forms.ToolStripItem replaceToolStripMenuItem;
private System.Windows.Forms.ToolStripSeparator toolStripSeparator1;
private System.Windows.Forms.ToolStripItem
underlineToolStripMenuItem;
private System.Windows.Forms.ToolStripItem boldToolStripMenuItem;

```

```

        private System.Windows.Forms.ToolStripItem italicToolStripMenuItem;
        private System.Windows.Forms.RichTextBox richTextBox1;
        private System.Windows.Forms.ToolStripItem insertToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem imageToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem
referencesToolStripMenuItem;

        private System.Windows.Forms.ToolStripItem alignToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem leftToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem rightToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem centerToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem tableToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem colorToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem redToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem whiteToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem blackToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem oragngeToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem blueToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem yellowToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem pinkToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem purpleToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem greenToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem grayToolStripMenuItem;
        private System.Windows.Forms.ToolStripItem brownToolStripMenuItem;
    }
}

```

## FindForm.cs

```

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

namespace Notepad
{
    public partial class FindForm : Form
    {
        String findWord;
        public FindForm()
        {

```

```

        InitializeComponent();
    }

    private void CancelBtn_Click(object sender, EventArgs e)
    {
        findWord = "";
        this.Close();
    }

    private void OkBtn_Click(object sender, EventArgs e)
    {
        findWord = findText.Text;
        this.Close();
    }

    public String GetFindWord()
    {
        return findWord;
    }
}

```

## FindForm.Designer.cs

```

namespace Notepad
{
    partial class FindForm
    {
        /// <summary>
        /// Required designer variable.
        /// </summary>
        private System.ComponentModel.IContainer components = null;

        /// <summary>
        /// Clean up any resources being used.
        /// </summary>
        /// <param name="disposing">true if managed resources should be disposed;
        otherwise, false.</param>
        protected override void Dispose(bool disposing)
        {
            if (disposing && (components != null))
            {
                components.Dispose();
            }
            base.Dispose(disposing);
        }

        #region Windows Form Designer generated code

        /// <summary>
        /// Required method for Designer support - do not modify
        /// the contents of this method with the code editor.
        /// </summary>
        private void InitializeComponent()
        {
            this.label1 = new System.Windows.Forms.Label();
            this.findText = new System.Windows.Forms.TextBox();
            this.okBtn = new System.Windows.Forms.Button();
            this.cancelBtn = new System.Windows.Forms.Button();
            this.SuspendLayout();
            //
            // label1
            //

```

```

        this.label1.Anchor =
((System.Windows.Forms.AnchorStyles)((((System.Windows.Forms.AnchorStyles.Top |
System.Windows.Forms.AnchorStyles.Bottom)
| System.Windows.Forms.AnchorStyles.Left)
| System.Windows.Forms.AnchorStyles.Right))));
this.label1.BackColor = System.Drawing.SystemColors.ActiveCaption;
this.label1.Location = new System.Drawing.Point(24, 88);
this.label1.Margin = new System.Windows.Forms.Padding(6, 0, 6, 0);
this.label1.Name = "label1";
this.label1.Size = new System.Drawing.Size(200, 44);
this.label1.TabIndex = 0;
this.label1.Text = "Find";
this.label1.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;
//
// findText
//
this.findText.Location = new System.Drawing.Point(276, 88);
this.findText.Margin = new System.Windows.Forms.Padding(6);
this.findText.Name = "findText";
this.findText.Size = new System.Drawing.Size(264, 31);
this.findText.TabIndex = 1;
//
// okBtn
//
this.okBtn.Location = new System.Drawing.Point(232, 244);
this.okBtn.Margin = new System.Windows.Forms.Padding(6);
this.okBtn.Name = "okBtn";
this.okBtn.Size = new System.Drawing.Size(150, 44);
this.okBtn.TabIndex = 2;
this.okBtn.Text = "Next";
this.okBtn.UseVisualStyleBackColor = true;
this.okBtn.Click += new System.EventHandler(this.OkBtn_Click);
//
// cancelBtn
//
this.cancelBtn.Location = new System.Drawing.Point(394, 244);
this.cancelBtn.Margin = new System.Windows.Forms.Padding(6);
this.cancelBtn.Name = "cancelBtn";
this.cancelBtn.Size = new System.Drawing.Size(150, 44);
this.cancelBtn.TabIndex = 3;
this.cancelBtn.Text = "Cancel";
this.cancelBtn.UseVisualStyleBackColor = true;
this.cancelBtn.Click += new
System.EventHandler(this.CancelBtn_Click);
//
// findForm
//
this.AutoScaleDimensions = new System.Drawing.SizeF(12F, 25F);
this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
this.ClientSize = new System.Drawing.Size(568, 312);
this.Controls.Add(this.cancelBtn);
this.Controls.Add(this.okBtn);
this.Controls.Add(this.findText);
this.Controls.Add(this.label1);
this.FormBorderStyle = System.Windows.Forms.FormBorderStyle.Fixed3D;
this.Location = new System.Drawing.Point(100, 100);
this.Margin = new System.Windows.Forms.Padding(6);
this.Name = "findForm";
this.ShowIcon = false;
this.StartPosition =
System.Windows.Forms.FormStartPosition.CenterScreen;
this.Text = "Find";
this.ResumeLayout(false);

```

```

        this.PerformLayout();

    }

    #endregion

    private System.Windows.Forms.Label label1;
    private System.Windows.Forms.TextBox findText;
    private System.Windows.Forms.Button okBtn;
    private System.Windows.Forms.Button cancelBtn;
}
}

```

## ReferenceForm.cs

```

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 Notepad
{
    public partial class ReferenceForm : Form
    {
        String author;
        String year;
        String title;
        String publisher;

        public ReferenceForm()
        {
            InitializeComponent();
        }

        private void CancelBtn_Click(object sender, EventArgs e)
        {
            author = "";
            year = "";
            title = "";
            publisher = "";
            this.Close();
        }

        private void OkBtn_Click(object sender, EventArgs e)
        {
            author = findAuthor.Text;
            year = findYear.Text;
            title = findTitle.Text;
            publisher = findPublisher.Text;
            this.Close();
        }

        public String GetReference()
        {
            string reference = $"{author} ({year}). {title}. {publisher}.";
            return reference;
        }
    }
}

```

```

        private void ReferenceForm_Load(object sender, EventArgs e)
        {

        }
    }
}

ReferenceForm.Designer.cs

namespace Notepad
{
    partial class ReferenceForm
    {
        /// <summary>
        /// Required designer variable.
        /// </summary>
        private System.ComponentModel.IContainer components = null;

        /// <summary>
        /// Clean up any resources being used.
        /// </summary>
        /// <param name="disposing">true if managed resources should be disposed;
otherwise, false.</param>
        protected override void Dispose(bool disposing)
        {
            if (disposing && (components != null))
            {
                components.Dispose();
            }
            base.Dispose(disposing);
        }

        #region Windows Form Designer generated code

        /// <summary>
        /// Required method for Designer support - do not modify
        /// the contents of this method with the code editor.
        /// </summary>
        private void InitializeComponent()
        {
            this.label1 = new System.Windows.Forms.Label();
            this.findAuthor = new System.Windows.Forms.TextBox();
            this.findYear = new System.Windows.Forms.TextBox();
            this.findTitle = new System.Windows.Forms.TextBox();
            this.findPublisher = new System.Windows.Forms.TextBox();
            this.button1 = new System.Windows.Forms.Button();
            this.button2 = new System.Windows.Forms.Button();
            this.label2 = new System.Windows.Forms.Label();
            this.label3 = new System.Windows.Forms.Label();
            this.label4 = new System.Windows.Forms.Label();
            this.SuspendLayout();
            //
            // label1
            //
            this.label1.AutoSize = true;
            this.label1.Location = new System.Drawing.Point(148, 57);
            this.label1.Name = "label1";
            this.label1.Size = new System.Drawing.Size(75, 25);
            this.label1.TabIndex = 0;
            this.label1.Text = "Author";
            //
            // findAuthor

```



```

//
this.findAuthor.Location = new System.Drawing.Point(315, 57);
this.findAuthor.Name = "findAuthor";
this.findAuthor.Size = new System.Drawing.Size(265, 31);
this.findAuthor.TabIndex = 1;
//
// findYear
//
this.findYear.Location = new System.Drawing.Point(315, 109);
this.findYear.Name = "findYear";
this.findYear.Size = new System.Drawing.Size(265, 31);
this.findYear.TabIndex = 2;
//
// findTitle
//
this.findTitle.Location = new System.Drawing.Point(315, 163);
this.findTitle.Name = "findTitle";
this.findTitle.Size = new System.Drawing.Size(265, 31);
this.findTitle.TabIndex = 3;
//
// findPublisher
//
this.findPublisher.Location = new System.Drawing.Point(315, 218);
this.findPublisher.Name = "findPublisher";
this.findPublisher.Size = new System.Drawing.Size(265, 31);
this.findPublisher.TabIndex = 4;
//
// button1
//
this.button1.Location = new System.Drawing.Point(562, 398);
this.button1.Name = "button1";
this.button1.Size = new System.Drawing.Size(106, 40);
this.button1.TabIndex = 5;
this.button1.Text = "Next";
this.button1.UseVisualStyleBackColor = true;
this.button1.Click += new System.EventHandler(this.OkBtn_Click);
//
// button2
//
this.button2.Location = new System.Drawing.Point(674, 398);
this.button2.Name = "button2";
this.button2.Size = new System.Drawing.Size(100, 40);
this.button2.TabIndex = 6;
this.button2.Text = "Cancel";
this.button2.UseVisualStyleBackColor = true;
this.button2.Click += new System.EventHandler(this.CancelBtn_Click);
//
// label2
//
this.label2.AutoSize = true;
this.label2.Location = new System.Drawing.Point(148, 109);
this.label2.Name = "label2";
this.label2.Size = new System.Drawing.Size(58, 25);
this.label2.TabIndex = 7;
this.label2.Text = "Year";
//
// label3
//
this.label3.AutoSize = true;
this.label3.Location = new System.Drawing.Point(148, 163);
this.label3.Name = "label3";
this.label3.Size = new System.Drawing.Size(53, 25);
this.label3.TabIndex = 8;

```

```

        this.label3.Text = "Title";
        //
        // label4
        //
        this.label4.AutoSize = true;
        this.label4.Location = new System.Drawing.Point(148, 218);
        this.label4.Name = "label4";
        this.label4.Size = new System.Drawing.Size(102, 25);
        this.label4.TabIndex = 9;
        this.label4.Text = "Publisher";
        //
        // ReferenceForm
        //
        this.AutoScaleDimensions = new System.Drawing.SizeF(12F, 25F);
        this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
        this.ClientSize = new System.Drawing.Size(800, 450);
        this.Controls.Add(this.label4);
        this.Controls.Add(this.label3);
        this.Controls.Add(this.label2);
        this.Controls.Add(this.button2);
        this.Controls.Add(this.button1);
        this.Controls.Add(this.findPublisher);
        this.Controls.Add(this.findTitle);
        this.Controls.Add(this.findYear);
        this.Controls.Add(this.findAuthor);
        this.Controls.Add(this.label1);
        this.Name = "ReferenceForm";
        this.Text = "reference";
        this.Load += new System.EventHandler(this.ReferenceForm_Load);
        this.ResumeLayout(false);
        this.PerformLayout();

    }

#endregion

private System.Windows.Forms.Label label1;
private System.Windows.Forms.TextBox findAuthor;
private System.Windows.Forms.TextBox findYear;
private System.Windows.Forms.TextBox findTitle;
private System.Windows.Forms.TextBox findPublisher;
private System.Windows.Forms.Button button1;
private System.Windows.Forms.Button button2;
private System.Windows.Forms.Label label2;
private System.Windows.Forms.Label label3;
private System.Windows.Forms.Label label4;
    }
}

```

## ReplaceForm.cs

```

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

namespace Notepad
{

```

```

public partial class ReplaceForm : Form
{
    public String findWord;
    public String replaceWord;
    public ReplaceForm()
    {
        InitializeComponent();
    }

    private void ReplaceBtn_Click(object sender, EventArgs e)
    {
        findWord = findText.Text;
        replaceWord = replaceText.Text;
        this.Close();
    }

    private void CancelBtn_Click(object sender, EventArgs e)
    {
        findWord = "";
        replaceWord = "";
        this.Close();
    }

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

```

## ReplaceForm.Designer.cs

```

namespace Notepad
{
    partial class ReplaceForm
    {
        /// <summary>
        /// Required designer variable.
        /// </summary>
        private System.ComponentModel.IContainer components = null;

        /// <summary>
        /// Clean up any resources being used.
        /// </summary>
        /// <param name="disposing">true if managed resources should be disposed;
otherwise, false.</param>
        protected override void Dispose(bool disposing)
        {
            if (disposing && (components != null))
            {
                components.Dispose();
            }
            base.Dispose(disposing);
        }

        #region Windows Form Designer generated code

        /// <summary>
        /// Required method for Designer support - do not modify
        /// the contents of this method with the code editor.
        /// </summary>
        private void InitializeComponent()
        {

```

```

this.find = new System.Windows.Forms.Label();
this.label1 = new System.Windows.Forms.Label();
this.findText = new System.Windows.Forms.TextBox();
this.replaceText = new System.Windows.Forms.TextBox();
this.replaceBtn = new System.Windows.Forms.Button();
this.cancelBtn = new System.Windows.Forms.Button();
this.SuspendLayout();
//
// find
//
this.find.AutoSize = true;
this.find.Location = new System.Drawing.Point(26, 25);
this.find.Margin = new System.Windows.Forms.Padding(6, 0, 6, 0);
this.find.Name = "find";
this.find.Size = new System.Drawing.Size(54, 25);
this.find.TabIndex = 0;
this.find.Text = "Find";
//
// label1
//
this.label1.AutoSize = true;
this.label1.Location = new System.Drawing.Point(24, 85);
this.label1.Margin = new System.Windows.Forms.Padding(6, 0, 6, 0);
this.label1.Name = "label1";
this.label1.Size = new System.Drawing.Size(135, 25);
this.label1.TabIndex = 1;
this.label1.Text = "Replace with";
//
// findText
//
this.findText.Location = new System.Drawing.Point(310, 25);
this.findText.Margin = new System.Windows.Forms.Padding(6);
this.findText.Name = "findText";
this.findText.Size = new System.Drawing.Size(230, 31);
this.findText.TabIndex = 2;
//
// replaceText
//
this.replaceText.Location = new System.Drawing.Point(310, 85);
this.replaceText.Margin = new System.Windows.Forms.Padding(6);
this.replaceText.Name = "replaceText";
this.replaceText.Size = new System.Drawing.Size(230, 31);
this.replaceText.TabIndex = 3;
//
// replaceBtn
//
this.replaceBtn.Location = new System.Drawing.Point(196, 135);
this.replaceBtn.Margin = new System.Windows.Forms.Padding(6);
this.replaceBtn.Name = "replaceBtn";
this.replaceBtn.Size = new System.Drawing.Size(150, 44);
this.replaceBtn.TabIndex = 4;
this.replaceBtn.Text = "Replace";
this.replaceBtn.UseVisualStyleBackColor = true;
this.replaceBtn.Click += new
System.EventHandler(this.ReplaceBtn_Click);
//
// cancelBtn
//
this.cancelBtn.Location = new System.Drawing.Point(394, 133);
this.cancelBtn.Margin = new System.Windows.Forms.Padding(6);
this.cancelBtn.Name = "cancelBtn";
this.cancelBtn.Size = new System.Drawing.Size(150, 44);
this.cancelBtn.TabIndex = 5;

```

```

        this.cancelBtn.Text = "Cancel";
        this.cancelBtn.UseVisualStyleBackColor = true;
        this.cancelBtn.Click += new
System.EventHandler(this.CancelBtn_Click);
        //
        // ReplaceForm
        //
        this.AutoScaleDimensions = new System.Drawing.SizeF(12F, 25F);
        this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
        this.ClientSize = new System.Drawing.Size(568, 200);
        this.Controls.Add(this.cancelBtn);
        this.Controls.Add(this.replaceBtn);
        this.Controls.Add(this.replaceText);
        this.Controls.Add(this.findText);
        this.Controls.Add(this.label1);
        this.Controls.Add(this.find);
        this.Margin = new System.Windows.Forms.Padding(6);
        this.Name = "ReplaceForm";
        this.ShowIcon = false;
        this.StartPosition =
System.Windows.Forms.FormStartPosition.CenterScreen;
        this.Text = "replaceForm";
        this.Load += new System.EventHandler(this.ReplaceForm_Load);
        this.ResumeLayout(false);
        this.PerformLayout();

    }

    #endregion

    private System.Windows.Forms.Label find;
    private System.Windows.Forms.Label label1;
    private System.Windows.Forms.TextBox findText;
    private System.Windows.Forms.TextBox replaceText;
    private System.Windows.Forms.Button replaceBtn;
    private System.Windows.Forms.Button cancelBtn;
}

```