

```
1 using System;
2 using System.Collections.Generic;
3 using System.ComponentModel;
4 using System.Data;
5 using System.Drawing;
6 using System.Drawing.Printing;
7 using System.IO;
8 using System.Linq;
9 using System.Reflection.Emit;
10 using System.Text;
11 using System.Threading.Tasks;
12 using System.Windows.Forms;
13
14 namespace PringintDemo
15 {
16     public partial class Form1 : Form
17     {
18         private string text =
19             "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do
20             eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut
21             enim ad minim veniam, quis nostrud exercitation ullamco laboris
22             nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in
23             reprehenderit in voluptate velit esse cillum dolore eu fugiat
24             nulla pariatur. Excepteur sint occaecat cupidatat non proident,
25             sunt in culpa qui officia deserunt mollit anim id est laborum.\n";
26
27         private int pages = 1;
28
29         public Form1()
30         {
31             InitializeComponent();
32             richTextBox1.Text = text;
33         }
34
35         private void fontToolStripMenuItem_Click(object sender, EventArgs e)
36         {
37             FontDialog fontDialog = new FontDialog();
38             fontDialog.Font = richTextBox1.Font;
39             if (fontDialog.ShowDialog() == DialogResult.OK)
40             {
41                 richTextBox1.Font = fontDialog.Font;
42             }
43         }
44
45         private void printToolStripMenuItem_Click(object sender, EventArgs e)
46         {
47             PrintDocument printDocument = new PrintDocument();
48             printDocument.PrintPage += PrintDocument_PrintPage;
49             printDocument.Print();
50         }
51
52         private void PrintDocument_PrintPage(object sender, PrintPageEventArgs e)
53         {
54             Graphics g = e.Graphics;
```

```
49
50     string msg = $"Hello Printer. Page {pages}";
51     Font font = richTextBox1.Font; //new Font("Times New Roman", 14,
52         FontStyle.Bold|FontStyle.Italic);
53     g.DrawString(text, font, Brushes.Black, e.MarginBounds);
54
55     e.HasMorePages = (pages++ != 1);
56 }
57
58 private void openToolStripMenuItem_Click(object sender, EventArgs e)
59 {
60     OpenFileDialog openFileDialog = new OpenFileDialog();
61     openFileDialog.Filter = "Text files|*.txt|Rtf files|*.rtf|All
62         files|*.*";
63     if (openFileDialog.ShowDialog() == DialogResult.OK)
64     {
65         richTextBox1.LoadFile(openFileDialog.FileName);
66         text = richTextBox1.Text;
67     }
68 }
69 }
```