

Practical 8- file handling

Aim: 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.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.IO;

namespace Pract_8
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            File.Create(@"D:\SEM 4\ADT\Practical 8\Ab14\test.txt");
            MessageBox.Show("! File Created !");
        }

        private void button2_Click(object sender, EventArgs e)
        {
            File.Copy(@"D:\SEM 4\ADT\Practical 8\Ab14\test.txt", @"D:\SEM
4\ADT\Practical 8\data1\test1.txt");
            MessageBox.Show("! File Successfully Copied !");
        }

        private void button3_Click(object sender, EventArgs e)
        {
            File.Delete(@"D:\SEM 4\ADT\Practical 8\Ab14\test.txt");
            MessageBox.Show("! File Successfully Deleted !");
        }

        private void button4_Click(object sender, EventArgs e)
        {
            FileInfo finfo = new FileInfo(@"D:\SEM 4\ADT\Practical
8\Ab14\test2.txt");
            StreamWriter writer = finfo.CreateText();
            writer.WriteLine(textBox1.Text);
            writer.Close();
        }

        private void button5_Click(object sender, EventArgs e)
```

```

    {
        FileInfo finfo = new FileInfo(@"D:\SEM 4\ADT\Practical
8\Ab14\test2.txt");
        StreamReader reader = finfo.OpenText();
        string str = " ";
        while((str=reader.ReadLine()) != null)
        {
            textBox1.Text += str;
        }
        reader.Close();
    }

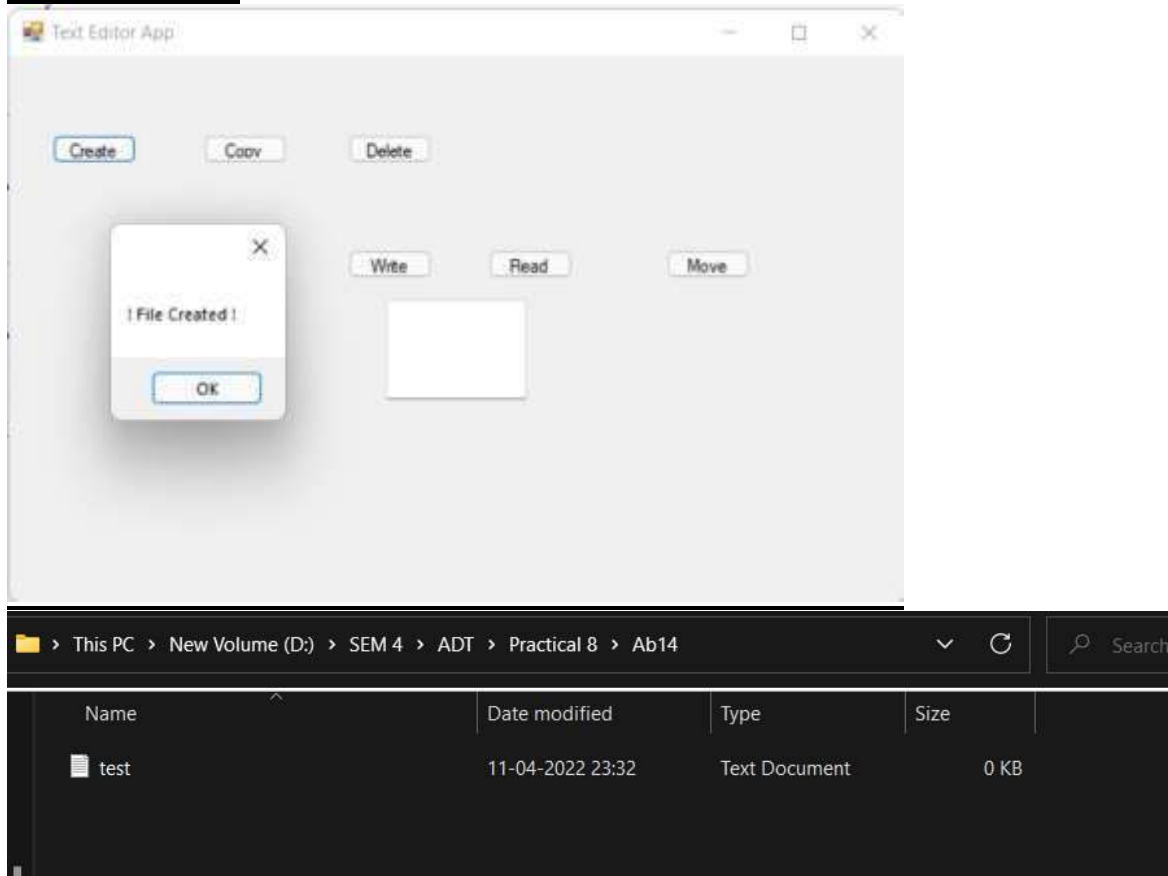
    private void textBox1_TextChanged(object sender, EventArgs e)
    {
    }

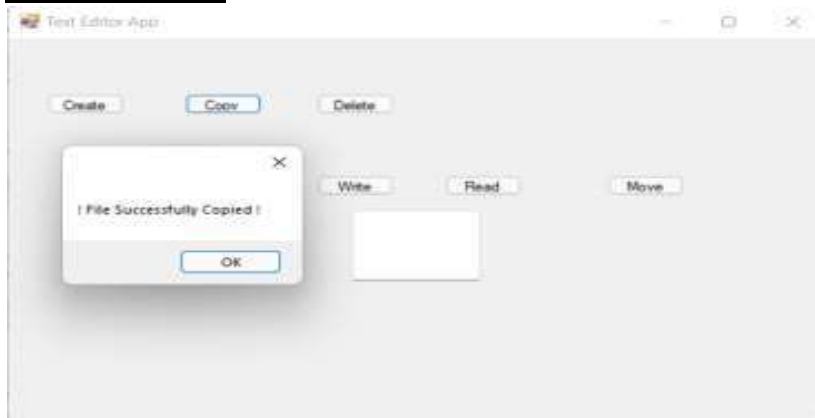
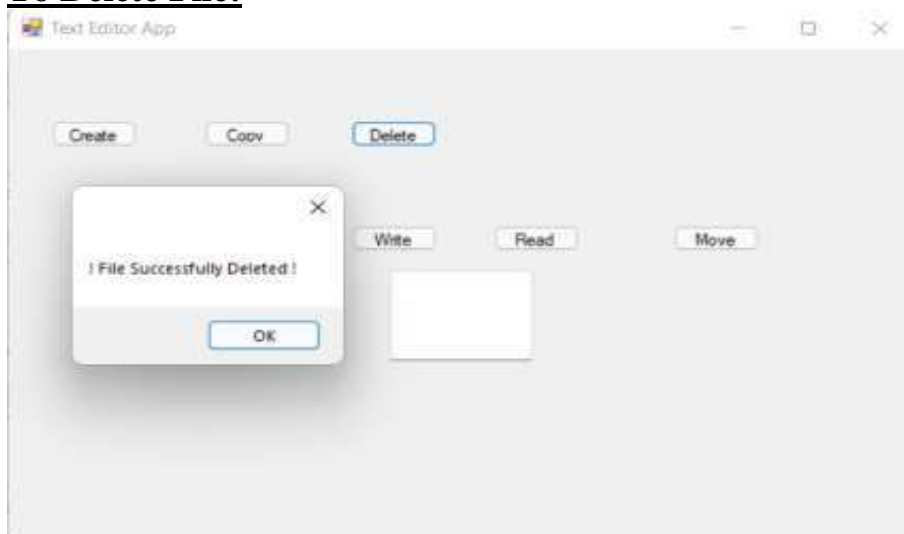
    private void button6_Click(object sender, EventArgs e)
    {
        FileInfo finfo = new FileInfo(@"D:\SEM 4\ADT\Practical
8\Ab14\test3.txt");
        finfo.MoveTo(@"D:\SEM 4\ADT\Practical 8\data1\data2.txt");
        MessageBox.Show("! File Successfully Moved !");
    }
}
}

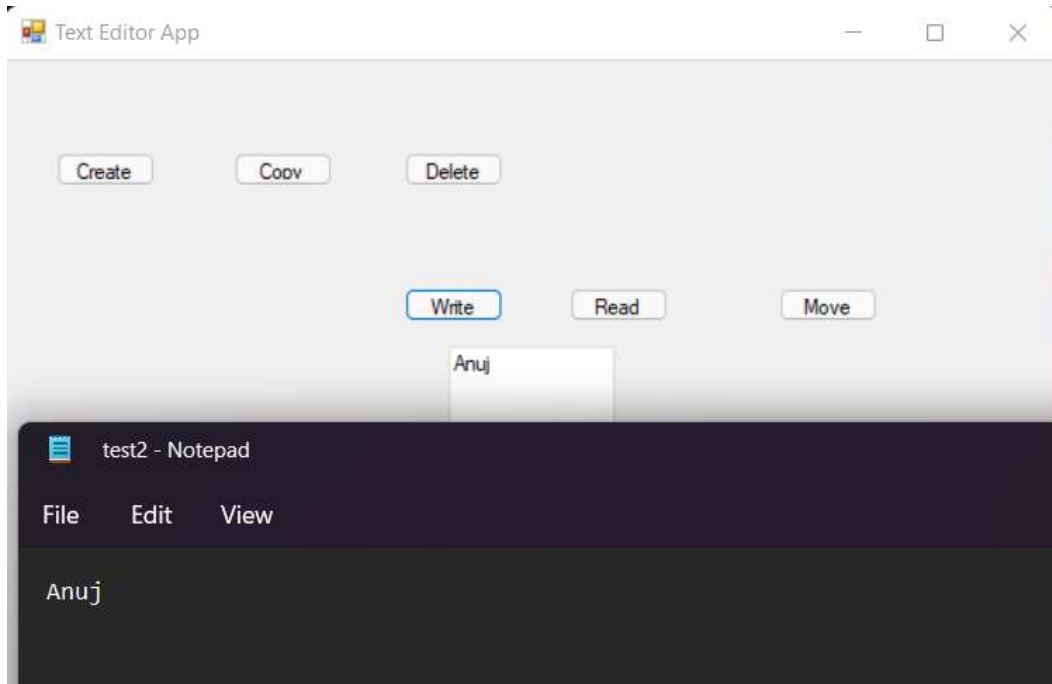
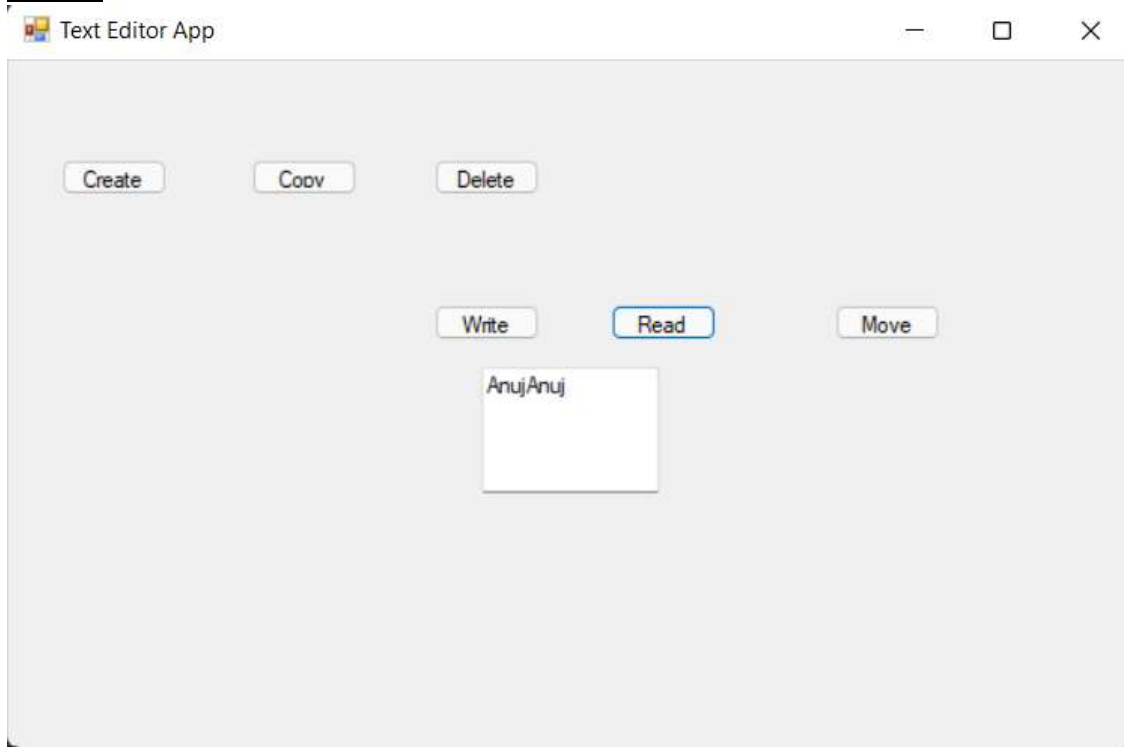
```

Output:

To create File:



To Copy File:**To Delete File:**

Write:**Read:**

To Move File: