

# 6854 Brandon de Bruyn

## PRG521 SA Q8

### CODE:

```
public partial class Status : Form
{
    public Status()
    {
        InitializeComponent();

        // Create button created here in order to
        // Create a new text file
        private void CreateBtn_Click(object sender, EventArgs e)
        {
            string TextFile = "status.txt";
            using (StreamWriter write = File.CreateText(TextFile))
            {
                write.WriteLine("Status ID: " + StatusIDTxtbox.Text);
                write.WriteLine("Driver ID: " + DriverIDTxtbox.Text);
                write.WriteLine("Picked up: " + dateTimePicker1.Text);
                write.WriteLine("Delivered: " + dateTimePicker2.Text);
                MessageBox.Show("File created successfully.");
            }
        }
        // Read button created here to read the text
        // File in a textbox
        private void ReadBtn_Click(object sender, EventArgs e)
        {
            string TextFile = "status.txt";
            if (File.Exists(TextFile))
            {
                using (StreamReader read = File.OpenText(TextFile))
                {
                    string FullText = File.ReadAllText(TextFile);
                    displayText.Text = FullText;
                }
            }
            else
            {

```

```

        MessageBox.Show("File not found or not created yet!");
    }
}

// Update button created here which updates all
// Information inside of the text file
private void UpdateBtn_Click(object sender, EventArgs e)
{
    string TextFile = "status.txt";
    if (File.Exists(TextFile))
    {
        using (StreamWriter write = File.CreateText(TextFile))
        {
            write.WriteLine("Status ID: " + StatusIDTxtbox.Text);
            write.WriteLine("Driver ID: " + DriverIDTxtbox.Text);
            write.WriteLine("Picked up: " + dateTimePicker1.Text);
            write.WriteLine("Delivered: " + dateTimePicker2.Text);
            MessageBox.Show("File updated sucessfully.");
        }
    }
    else
    {
        MessageBox.Show("No file to update. Create a file first.");
    }
}

// Delete button created here that deletes all information
// Insides of the text file, but it does not delete the
// The text file itself
private void DeleteBtn_Click(object sender, EventArgs e)
{
    string TextFile = "status.txt";
    if (File.Exists(TextFile))
    {
        using (StreamWriter write = File.CreateText(TextFile))
        {
            write.WriteLine("");
            MessageBox.Show("Text deleted successfully.");
        }
    }
    else
    {
        MessageBox.Show("No file to delete. Create a file first.");
    }
}

```

```

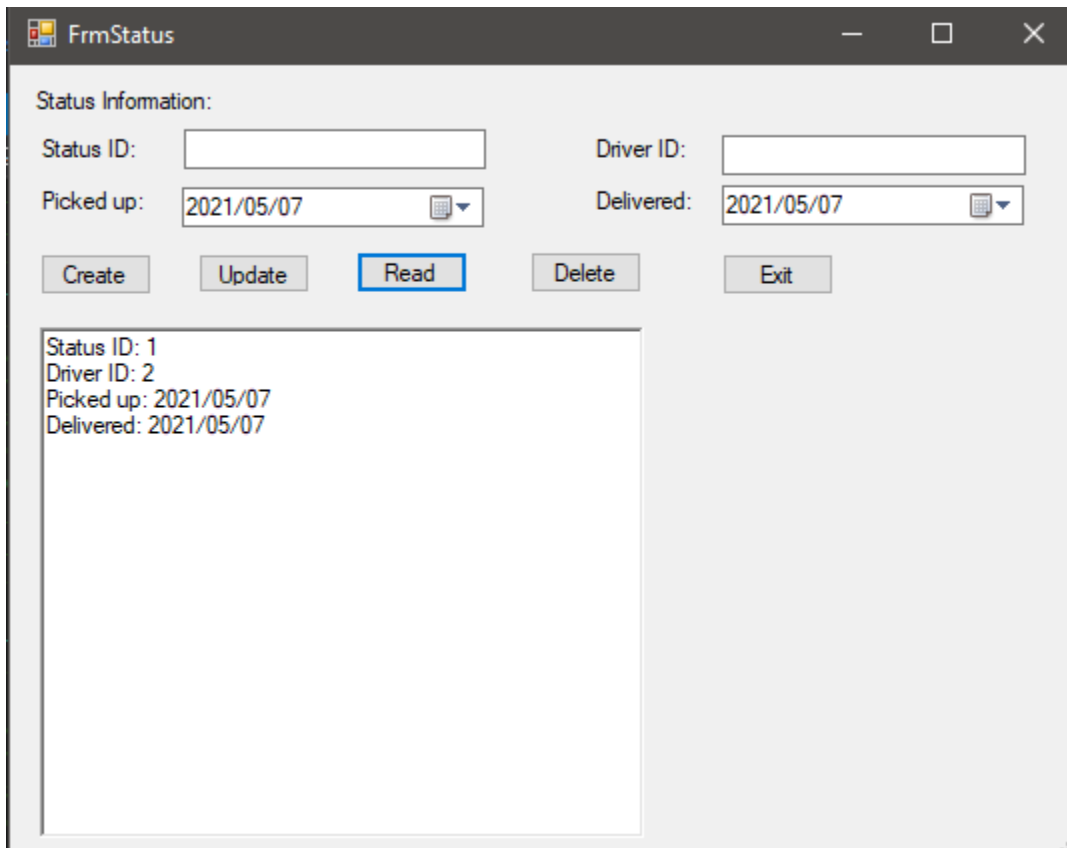
    }

    // Exit button created here that returns the user to the
    // Main Menu
    private void ExitBtn_Click(object sender, EventArgs e)
    {
        this.Hide();
    }

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

```

## SCEENSHOTS:



The screenshot shows a Windows application window titled "FrmStatus". The window contains a "Status Information:" section with four input fields: "Status ID:", "Driver ID:", "Picked up:", and "Delivered:". The "Picked up:" and "Delivered:" fields are date pickers showing "2021/05/07". Below these fields are five buttons: "Create", "Update", "Read" (highlighted with a blue border), "Delete", and "Exit". At the bottom of the window is a text box displaying the following information:

```

Status ID: 1
Driver ID: 2
Picked up: 2021/05/07
Delivered: 2021/05/07

```

FrmStatus

Status Information:

Status ID:  Driver ID:

Picked up:  Delivered:

Status ID: 3  
Driver ID: 4  
Picked up: 2021/05/04  
Delivered: 2021/05/10

File created successfully.

FrmStatus

Status Information:

Status ID:  Driver ID:

Picked up:  Delivered:

Status ID: 3  
Driver ID: 4  
Picked up: 2021/05/04  
Delivered: 2021/05/10

Text deleted successfully.