

```

namespace YachtCharter
{
    3 references
    public partial class MainForm : Form
    {

        1 reference
        public MainForm()
        {

            InitializeComponent();

        }

        1 reference
        private void exitToolStripMenuItem_Click(object sender, EventArgs e)
        {
            this.Close();
        }

        2 references
        private void clearForNextCharterToolStripMenuItem_Click(object sender, EventArgs e)
        {

            partyTextBox.ResetText();
            charteredTextBox.Clear();
            yachtTypeComboBox.ResetText();
            yachtLengthComboBox.SelectedIndex = -1;
            totalTextBox.Clear();
            partyTextBox.Focus();

        }
    }
}

```

```

private void addYachtTypeToolStripMenuItem_Click(object sender, EventArgs e)
{
    string yachtString;
    int indexInt = 0;
    bool itemFoundBln = false;

    //Input
    yachtString = yachtTypeComboBox.Text;

    //Process
    if (yachtTypeComboBox.Text != string.Empty)
    {
        while (indexInt < yachtTypeComboBox.Items.Count && !itemFoundBln)
        {
            if (yachtTypeComboBox.Items[indexInt++].ToString().ToUpper() ==
                yachtTypeComboBox.Text.ToUpper())
            {
                //Found a match!
                itemFoundBln = true;
            }
        }

        if (!itemFoundBln) //IF NOT FOUND
        {
            yachtTypeComboBox.Items.Add(yachtString);
            yachtTypeComboBox.Text = string.Empty;
        }
        else
        {
            MessageBox.Show(yachtString + " is in the list.", "YACHT TYPE DUPLICATE");
        }
    }
}

```

```

private void processButton_Click(object sender, EventArgs e)
{
    try
    {
        int yachtLengthInt = 0;
        int hoursInt = 0;

        decimal payRateDec = 0;
        decimal totalFeeDec;

        const Decimal rateOneDec = 95M;
        const Decimal rateTwoDec = 137M;
        const Decimal rateThreeDec = 160M;
        const Decimal rateFourDec = 192M;
        const Decimal rateFiveDec = 250M;
        const Decimal rateSixDec = 400M;
        const Decimal rateSevenDec = 550M;

        yachtLengthInt = int.Parse(yachtLengthComboBox.Text);
        hoursInt = int.Parse(charteredTextBox.Text);

        if (yachtLengthInt == 22)
        {
            payRateDec = rateOneDec;
        }
        else if (yachtLengthInt == 24)
        {
            payRateDec = rateTwoDec;
        }
        else if (yachtLengthInt == 30)
        {
            payRateDec = rateThreeDec;
        }
        else if (yachtLengthInt == 32)
        {
            payRateDec = rateFourDec;
        }
    }
}

```

```
private void removeYachtTypeToolStripMenuItem_Click(object sender, EventArgs e)
{
```

```
    if (yachtTypeComboBox.SelectedIndex != -1)
    {
        yachtTypeComboBox.Items.RemoveAt(yachtTypeComboBox.SelectedIndex);
    }
    else
    {
        MessageBox.Show("Select a yacht to remove ", "No selection", MessageBoxButtons.OK, MessageBoxIcon.Warning);
    }
}
```

1 reference

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

```
{
    MessageBox.Show("There is/are " + yachtTypeComboBox.Items.Count.ToString() + " yachts in the list", "Yacht Information", MessageBoxButtons.OK, MessageBoxIcon.Information);
}
```

1 reference

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

```
{
    int yachtInt = 0;
    string yachtList = "";

    while (yachtInt < yachtTypeComboBox.Items.Count)
    {
        yachtList += yachtTypeComboBox.Items[yachtInt].ToString() + "\n" ;
        yachtInt++;

        if (yachtInt == yachtTypeComboBox.Items.Count)
        {
            MessageBox.Show(yachtList, "Yacht Types");
        }
    }
}
```


