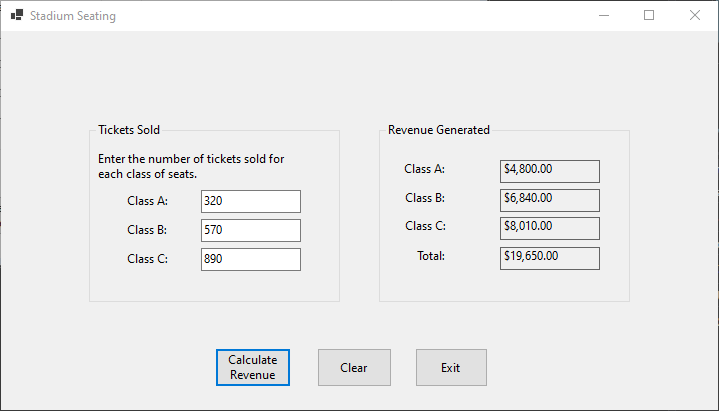
Tristan Izlar

COP2360 C# Programming I

# Module 2 – Assignment Chapter 3 – Problem 14: Stadium Seating

SCREENSHOT:



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;

namespace Stadium\_Seating

{

public partial class Form1 : Form

{

//creating constants for calculations

private const int A\_COST = 15;

private const int B\_COST = 12;

private const int C\_COST = 9;

public Form1()

{

InitializeComponent();

}

//exit button

private void exitButton\_Click(object sender, EventArgs e)

{

this.Close();

}

//clearing of all values

private void clearButton\_Click(object sender, EventArgs e)

{

classAInputBox.Text = "";

classBInputBox.Text = "";

classCInputBox.Text = "";

classARevTotalLabel.Text = "";

classBRevTotalLabel.Text = "";

classCRevTotalLabel.Text = "";

totalRevLabel.Text = "";

}

private void calcRevButton\_Click(object sender, EventArgs e)

{

//exception handler

try

{

//declaring count variables

double classACount;

double classBCount;

double classCCount;

//adding values to count variables based off input boxes

classACount = double.Parse(classAInputBox.Text);

classBCount = double.Parse(classBInputBox.Text);

classCCount = double.Parse(classCInputBox.Text);

//declaring revenue variables

double classARev;

double classBRev;

double classCRev;

double totalRev;

//calculating values per class & total

classARev = classACount \* A\_COST;

classBRev = classBCount \* B\_COST;

classCRev = classCCount \* C\_COST;

totalRev = classARev + classBRev + classCRev;

//passing values of calculations into results labels

classARevTotalLabel.Text = classARev.ToString("c");

classBRevTotalLabel.Text = classBRev.ToString("c");

classCRevTotalLabel.Text = classCRev.ToString("c");

totalRevLabel.Text = totalRev.ToString("c");

}

//exception handler

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

}

}