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CITA 210

### Assignment 3 Part 2 Screenshots

Each screenshot shows the output for each test to determine if the application is calculating properly.

The screenshot shows a window titled "Stadium Seating". It has two main sections: "Tickets Sold" and "Revenue Generated".

**Tickets Sold:** Enter the number of tickets sold for each class of seats.

Class	Tickets Sold
Class A:	320
Class B:	570
Class C:	890

**Revenue Generated:**

Class	Revenue
Class A:	4800
Class B:	6840
Class C:	8010
Total	19650

Buttons: Calculate Revenue, Clear, Exit.

The screenshot shows a window titled "Stadium Seating". It has two main sections: "Tickets Sold" and "Revenue Generated".

**Tickets Sold:** Enter the number of tickets sold for each class of seats.

Class	Tickets Sold
Class A:	500
Class B:	750
Class C:	1200

**Revenue Generated:**

Class	Revenue
Class A:	7500
Class B:	9000
Class C:	10800
Total	27300

Buttons: Calculate Revenue, Clear, Exit.

Stadium Seating

Tickets Sold

Enter the number of tickets sold for each class of seats.

Class A:

Class B:

Class C:

Revenue Generated

Class A:

Class B:

Class C:

Total:

This screenshot shows the source code for the seat revenue application.

```
Form1.Designer.cs  Form1.cs  Form1.cs [Design]
C# Assignment-3-2  Assignment_3_2.Form1

17  InitializeComponent();
18  }
19
20  1 reference
private void CalculateRevenueButton_Click(object sender, EventArgs e)
21  {
22      try
23      {
24          // Storing seat prices for classes A, B, and C.
25          int classAPrice = 15;
26          int classBPrice = 12;
27          int classCPrice = 9;
28
29          // Converting text box strings to integers for calculating revenue.
30          int classA = int.Parse(classATextBox.Text);
31          int classB = int.Parse(classBTextBox.Text);
32          int classC = int.Parse(classCTextBox.Text);
33
34          // Calculate revenue for each seat class and the total revenue.
35          float aRevenue = classA * classAPrice;
36          float bRevenue = classB * classBPrice;
37          float cRevenue = classC * classCPrice;
38          float totalRevenue = aRevenue + bRevenue + cRevenue;
39
40          // Display revenue for each seat class and the total revenue.
41          classALabel.Text = aRevenue.ToString();
42          classBLabel.Text = bRevenue.ToString();
43          classCLabel.Text = cRevenue.ToString();
44          totalRevenueLabel.Text = totalRevenue.ToString();
45      }
46      catch (Exception ex)
47      {
48          // Display an error message if input is invalid.
49          MessageBox.Show(ex.Message);
50      }
51  }
52
53  1 reference
private void ClearButton_Click(object sender, EventArgs e)
54  {
55      classATextBox.Text = "";
56      classBTextBox.Text = "";
57      classCTextBox.Text = "";
58      classALabel.Text = "";
59      classBLabel.Text = "";
60      classCLabel.Text = "";
61      totalRevenueLabel.Text = "";
62  }
63
64  1 reference
private void ExitButton_Click(object sender, EventArgs e)
65  {
66      this.Close();
67  }
68  }
69  }
```