

Screenshot of Inventory App

The screenshot displays the 'Shoe Inventory' application window. It features a form titled 'Enter Shoe Data:' with input fields for 'Brand' (Cole Haan), 'Model' (ZeroGrand Chukka), and 'Price' (238.00). A 'Select a Shoe:' dropdown menu is open, showing a list of shoes and their prices: Hermes Paris loafer \$1125.00, Hermes Blaise loafer \$1225.00, Hermes Destin loafer \$1300.00, Cole Haan 4.ZeroGrand Boot \$198.00, Cole Haan GrandPro Topspin \$180.00, and Cole Haan OriginalGrand Chukka \$180.00. Buttons for 'Add Shoe' (green), 'Exit' (yellow), 'Delete' (red), and 'Inventory Total' (orange) are present. The background of the app window shows a pair of sneakers. The Visual Studio interface shows the code for the 'Add Shoe' button click event, which updates the shoe's price if it's a valid decimal. The Output window shows the build process for 'InventoryApp2'.

```
22 theShoe.Model = modelInputTextBox2.Text;
23
24 //Get the shoe price.
25 if (decimal.TryParse(priceInputTextBox3.Text, out price))
26 {
27     theShoe.Price = price;
28 }
29 else
30 {
31     //Display an error message
32     MessageBox.Show("Invalid price");
33 }
34
35
36
```

Output

```
Show output from: Build
1>----- Build started: Project: InventoryApp2, Configuration: Debug Any CPU -----
1>Skipping analyzers to speed up the build. You can execute 'Build' or 'Rebuild' command to run analyzers.
1>InventoryApp2 -> C:\Users\h1lan\source\repos\InventoryApp2\InventoryApp2\bin\Debug\net6.0-windows\InventoryApp2.dll
***** Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped *****
```

The total has been calculated:

The screenshot displays a Visual Studio IDE with a project named 'InventoryApp2'. The main window, 'Shoe Inventory', is a desktop application for managing a shoe inventory. It features a form with three input fields: 'Brand:', 'Model:', and 'Price:'. Below these fields is a 'Select a Shoe:' dropdown menu. The dropdown menu is currently open, showing a list of shoes and their prices: Hermes Paris loafer \$1125.00, Hermes Blaise loafer \$1225.00, Hermes Destin loafer \$1300.00, Cole Haan 4.ZeroGrand Boot \$198.00, Cole Haan GrandPro Topspin \$180.00, Cole Haan OriginalGrand Chukka \$180.00, and Cole Haan 4.ZeroGrand Chukka \$238.00. Below the dropdown are three buttons: 'Add Shoe' (green), 'Exit' (yellow), and 'Delete' (red). The 'Inventory Total' button (orange) is highlighted. The application also displays a list of shoes in a grid, with a '7' shown below the grid. The code editor shows the logic for adding a shoe and calculating the total. The output window shows the build process.

```
22 theShoe.Model = modelInputTextBox2.Text;
23
24 //Get the shoe price.
25 if (decimal.TryParse(priceInputTextBox3.Text, out price))
26 {
27     theShoe.Price = price;
28 }
29 else
30 {
31     //Display an error message
32     MessageBox.Show("Invalid price");
33 }
34
35
36
```

Output

```
Show output from: Build
1)----- Build started: Project: InventoryApp2, Configuration: Debug Any CPU -----
1)Skipping analyzers to speed up the build. You can execute 'Build' or 'Rebuild' command to run analyzers.
1)InventoryApp2 -> C:\Users\shilian\source\repos\InventoryApp2\InventoryApp2\bin\Debug\net6.0-windows\InventoryApp2.dll
***** Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped *****
```

An item has been selected:

The screenshot displays a Visual Studio IDE with a project named 'InventoryApp2'. The main window, 'Shoe Inventory', is a web application interface. It features a form with three input fields: 'Brand', 'Model', and 'Price'. Below these fields are four buttons: 'Add Shoe' (green), 'Exit' (yellow), 'Delete' (red), and 'Inventory Total' (orange). A 'Select a Shoe' dropdown menu is open, showing a list of shoes with their prices: Hermes Paris loafer \$1125.00, Hermes Blaise loafer \$1225.00, Hermes Destin loafer \$1300.00, Cole Haan 4.ZeroGrand Boot \$198.00, Cole Haan GrandPro Topspin \$180.00, Cole Haan OriginalGrand Chukka \$180.00, and Cole Haan 4.ZeroGrand Chukka \$238.00. The background code in the editor shows the following logic:

```
22 theShoe.Model = modelInputTextBox2.Text;
23
24 //Get the shoe price.
25 if (decimal.TryParse(priceInputTextBox3.Text, out price))
26 {
27     theShoe.Price = price;
28 }
29 else
30 {
31     //Display an error message
32     MessageBox.Show("Invalid price");
33 }
34
35
36
```

The output window shows the following build output:

```
1>----- Build started: Project: InventoryApp2, Configuration: Debug Any CPU -----
1>Skipping analyzers to speed up the build. You can execute 'Build' or 'Rebuild' command to run analyzers.
1>InventoryApp2 -> C:\Users\hila\source\repos\InventoryApp2\InventoryApp2\bin\Debug\net6.0-windows\InventoryApp2.dll
***** Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped *****
```

The status bar at the bottom indicates 'Ready', '60°F Clear', and the time '3:05 AM 10/9/2022'.

An item has been deleted with a new total calculated:

The screenshot displays a Visual Studio IDE with a project named 'InventoryApp2'. The main window, 'Shoe Inventory', is a web application interface. It features a 'Select a Shoe' dropdown menu with the following items:

- Hermes Blaise loafer \$1225.00
- Hermes Destin loafer \$1300.00
- Cole Haan 4ZeroGrand Boot \$198.00
- Cole Haan GrandPro Topspin \$180.00
- Cole Haan OriginalGrand Chukka \$180.00
- Cole Haan 4ZeroGrand Chukka \$238.00

The interface also includes input fields for 'Brand', 'Model', and 'Price', and buttons for 'Add Shoe', 'Exit', 'Delete', and 'Inventory Total'. The 'Inventory Total' button is highlighted, and the total value '6' is displayed below it.

The code in the background shows the logic for adding shoes and calculating the total:

```
22 theShoe.Model = modelInputTextBox2.Text;
23
24 //Get the shoe price.
25 if (decimal.TryParse(priceInputTextBox3.Text, out price))
26 {
27     theShoe.Price = price;
28 }
29 else
30 {
31     //Display an error message
32     MessageBox.Show("Invalid price");
33 }
34
35
36
```

The output window shows the build process:

```
1>----- Build started: Project: InventoryApp2, Configuration: Debug Any CPU -----
1>Skipping analyzers to speed up the build. You can execute 'Build' or 'Rebuild' command to run analyzers.
1>InventoryApp2 -> C:\Users\hila\source\repos\InventoryApp2\InventoryApp2\bin\Debug\net6.0-windows\InventoryApp2.dll
***** Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped *****
```

More items have been deleted with a new total calculated:

The screenshot displays a Visual Studio IDE with a project named 'InventoryApp2'. The main window shows a 'Shoe Inventory' application. The application has a form with three input fields: 'Brand', 'Model', and 'Price'. There are three buttons: 'Add Shoe' (green), 'Exit' (yellow), and 'Delete' (red). A dropdown menu titled 'Select a Shoe:' is open, showing a list of shoes with their prices: 'Hermes Destin loafer \$1300.00', 'Cole Haan OriginalGrand Chukka \$180.00', and 'Cole Haan 4.ZeroGrand Chukka \$238.00'. The code in the background shows the logic for adding and deleting shoes, and calculating the total inventory value.

```
22 theShoe.Model = modelInputTextBox2.Text;
23
24 //Get the shoe price.
25 if (decimal.TryParse(priceInputTextBox3.Text, out price))
26 {
27     theShoe.Price = price;
28 }
29 else
30 {
31     //Display an error message
32     MessageBox.Show("Invalid price");
33 }
34
35
36
```

Output

```
Show output from: Build
1>----- Build started: Project: InventoryApp2, Configuration: Debug Any CPU -----
1>Skipping analyzers to speed up the build. You can execute 'Build' or 'Rebuild' command to run analyzers.
1>InventoryApp2 -> C:\Users\hila\source\repos\InventoryApp2\InventoryApp2\bin\Debug\net6.0-windows\InventoryApp2.dll
***** Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped *****
```

Error List Output

Only one item is left in the list:

The screenshot shows a Visual Studio IDE with a project named 'InventoryApp2'. The main window is 'Shoe Inventory', which is a Windows application. It features a form with three input fields: 'Brand', 'Model', and 'Price'. There is also a 'Select a Shoe' dropdown menu. The dropdown is currently open, showing a list of shoes, with 'Cole Haan 4.ZeroGrand Chukka \$238.00' selected. Below the input fields, there are four buttons: 'Add Shoe' (green), 'Exit' (yellow), 'Delete' (red), and 'Inventory Total' (orange). The background of the application window shows a pair of sneakers. The code editor shows the C# code for the 'Add Shoe' button click event. The code is as follows:

```
22 theShoe.Model = modelInputTextBox2.Text;
23
24 //Get the shoe price.
25 if (decimal.TryParse(priceInputTextBox3.Text, out price))
26 {
27     theShoe.Price = price;
28 }
29 else
30 {
31     //Display an error message
32     MessageBox.Show("Invalid price");
33 }
34
35
36
```

The output window shows the build process for 'InventoryApp2'. The output is as follows:

```
1>----- Build started: Project: InventoryApp2, Configuration: Debug Any CPU -----
1>Skipping analyzers to speed up the build. You can execute 'Build' or 'Rebuild' command to run analyzers.
1>InventoryApp2 -> C:\Users\hlan\source\repos\InventoryApp2\InventoryApp2\bin\Debug\net6.0-windows\InventoryApp2.dll
***** Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped *****
```

The list is now empty:

