

Milestone 4

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CST-150

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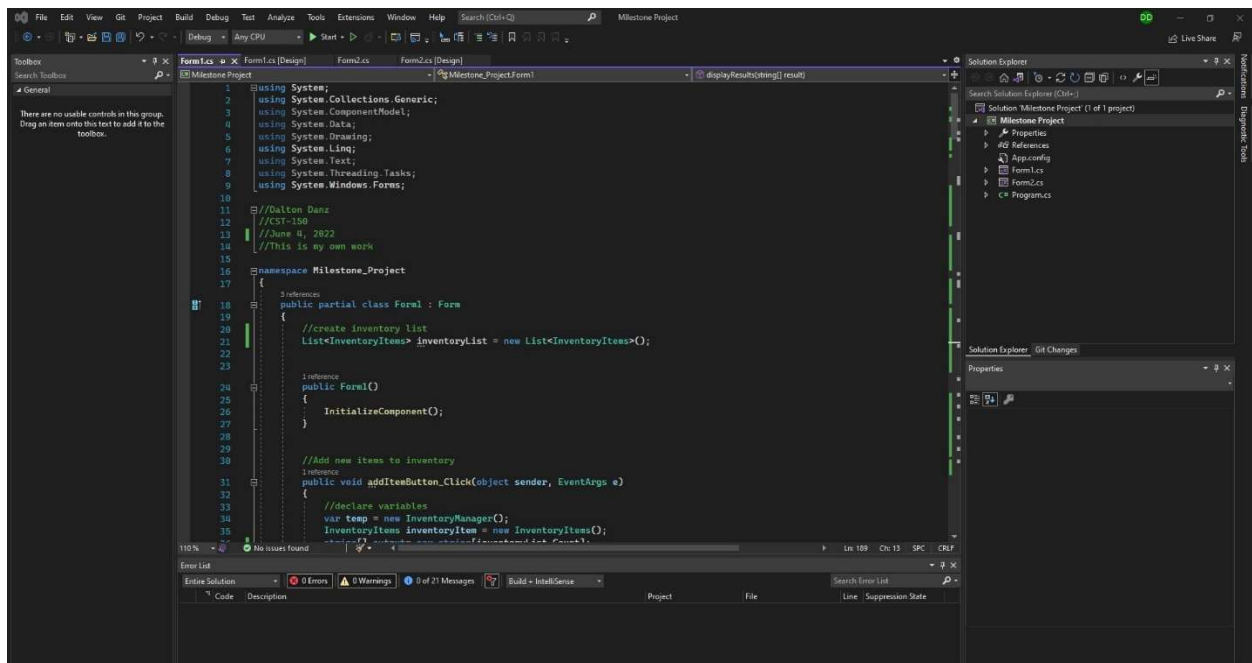
Link to files:

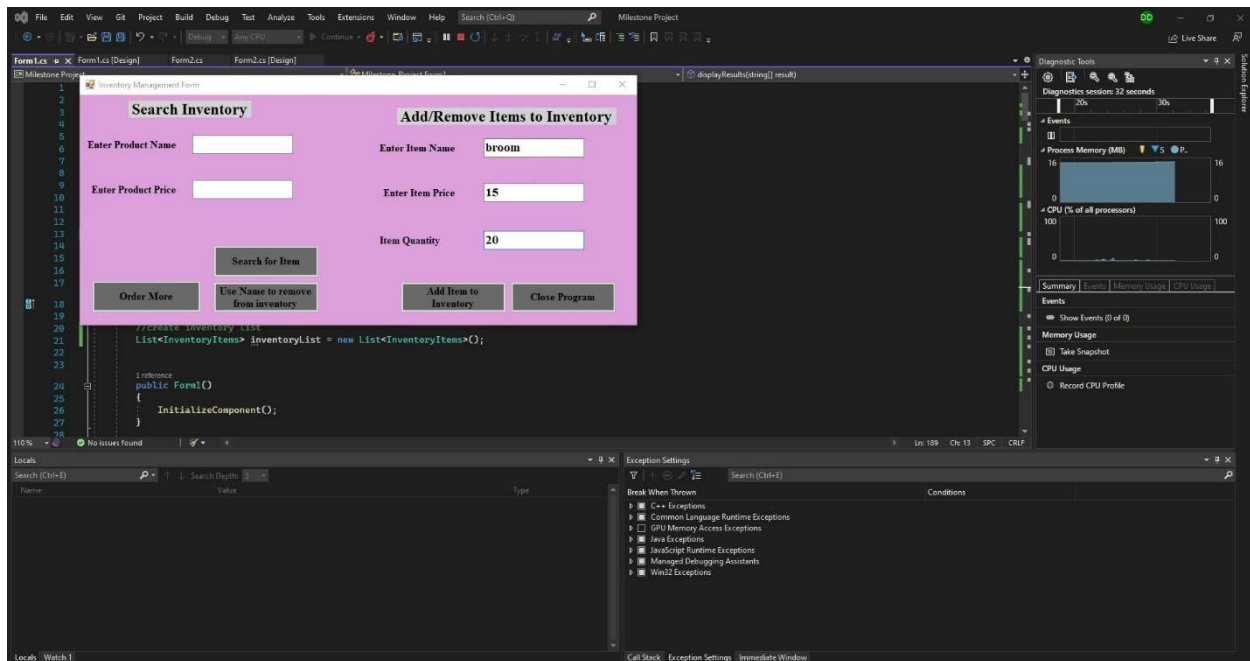
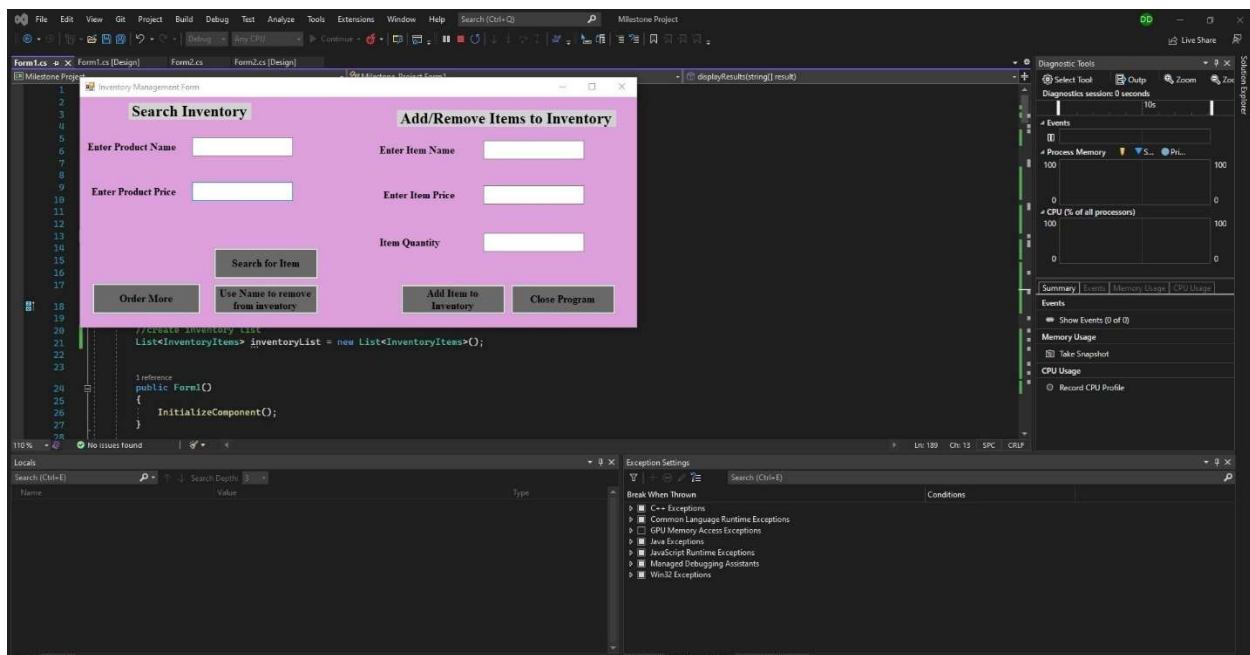
<https://github.com/Naralla/CST-150-Submissions/tree/main/Milestone%20%2C%20CST150>

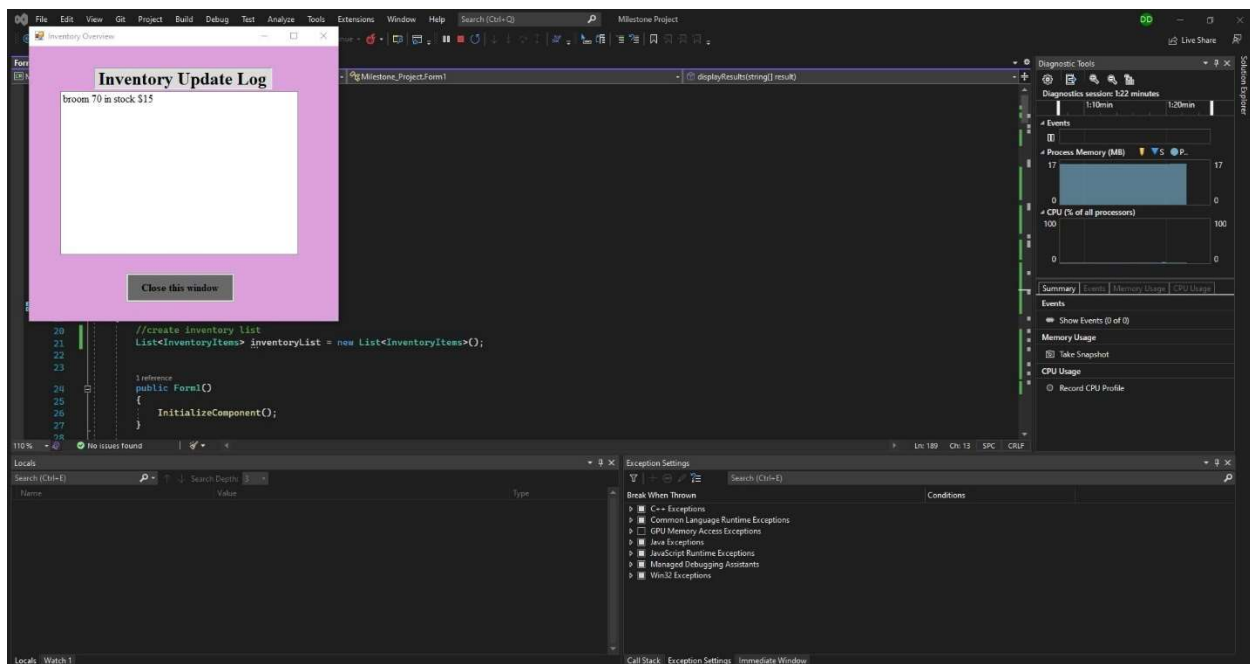
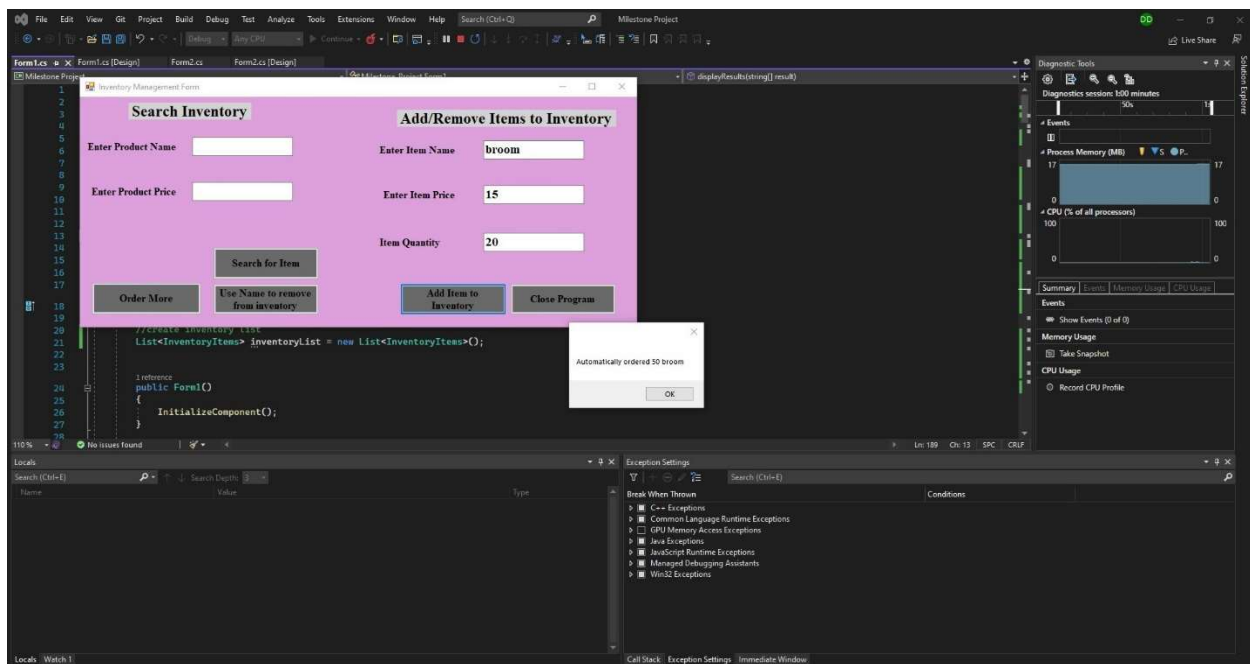
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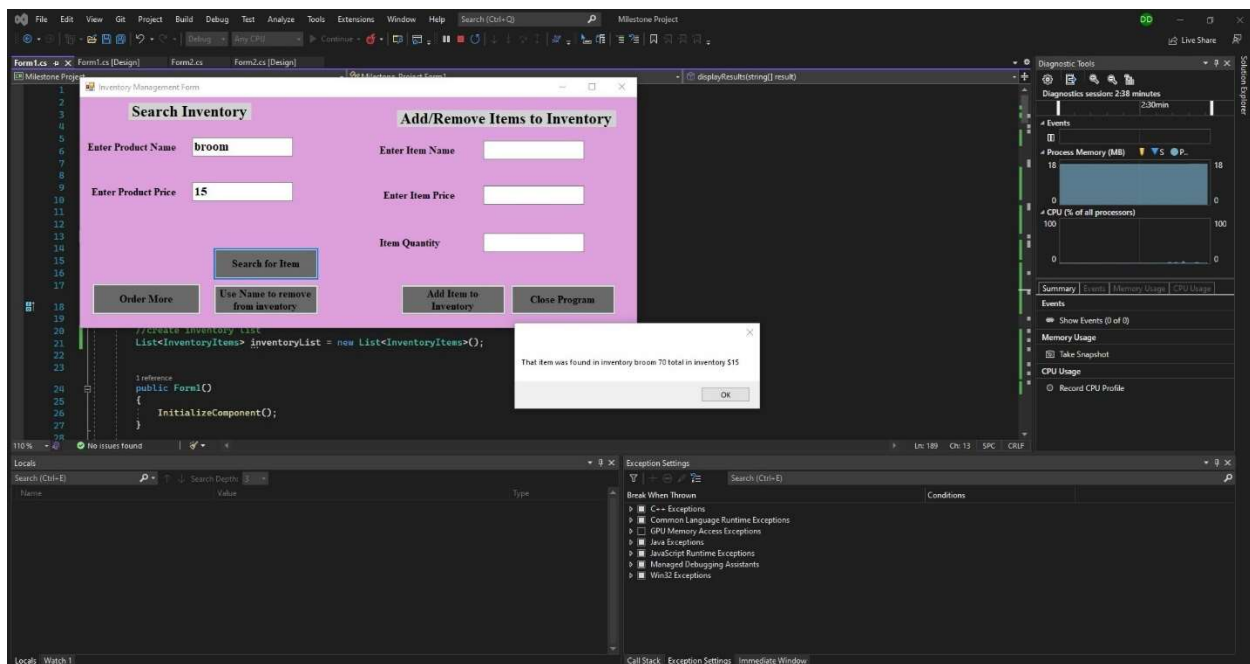
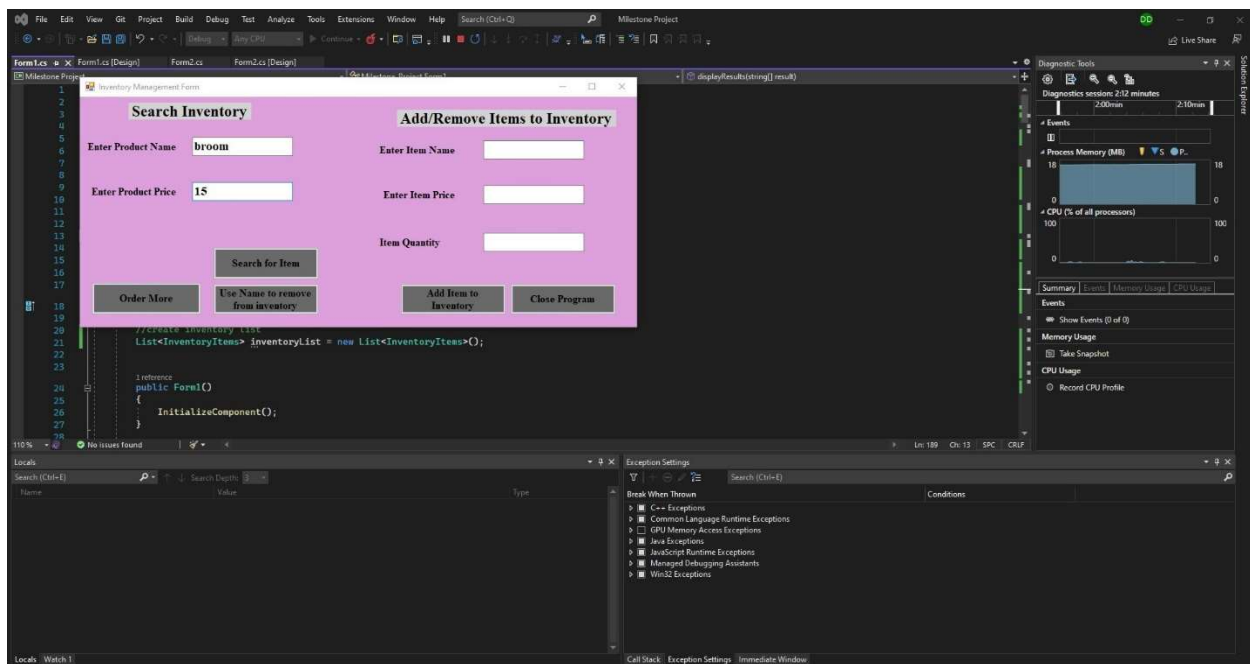
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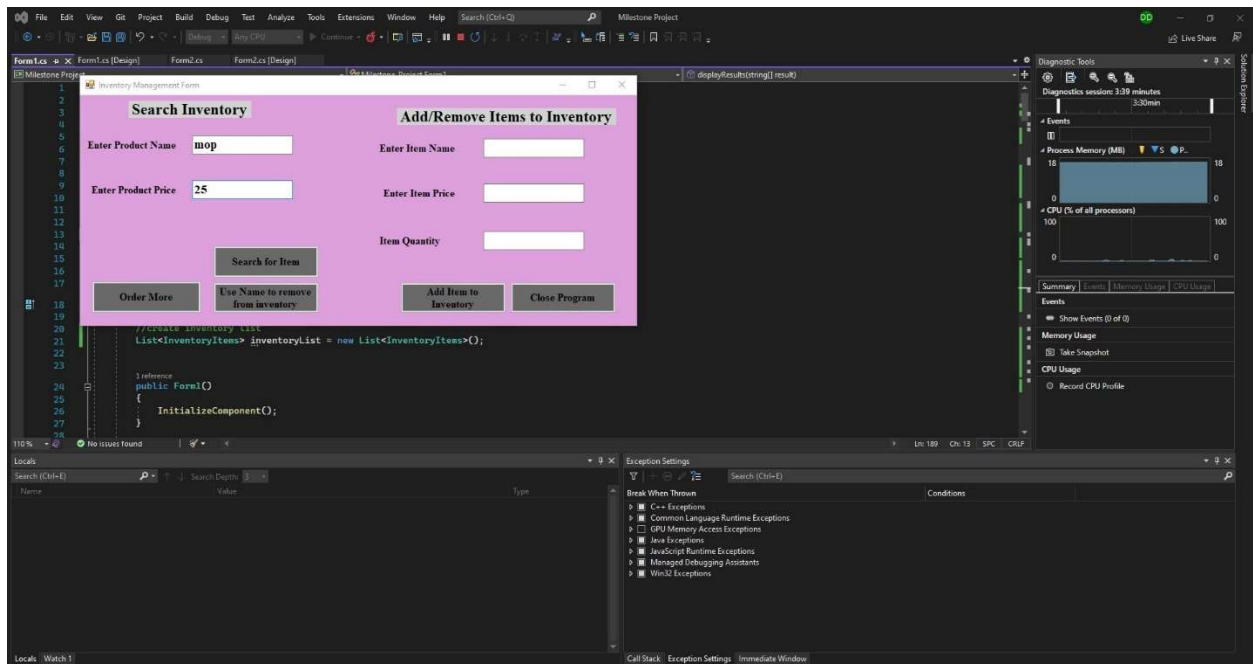
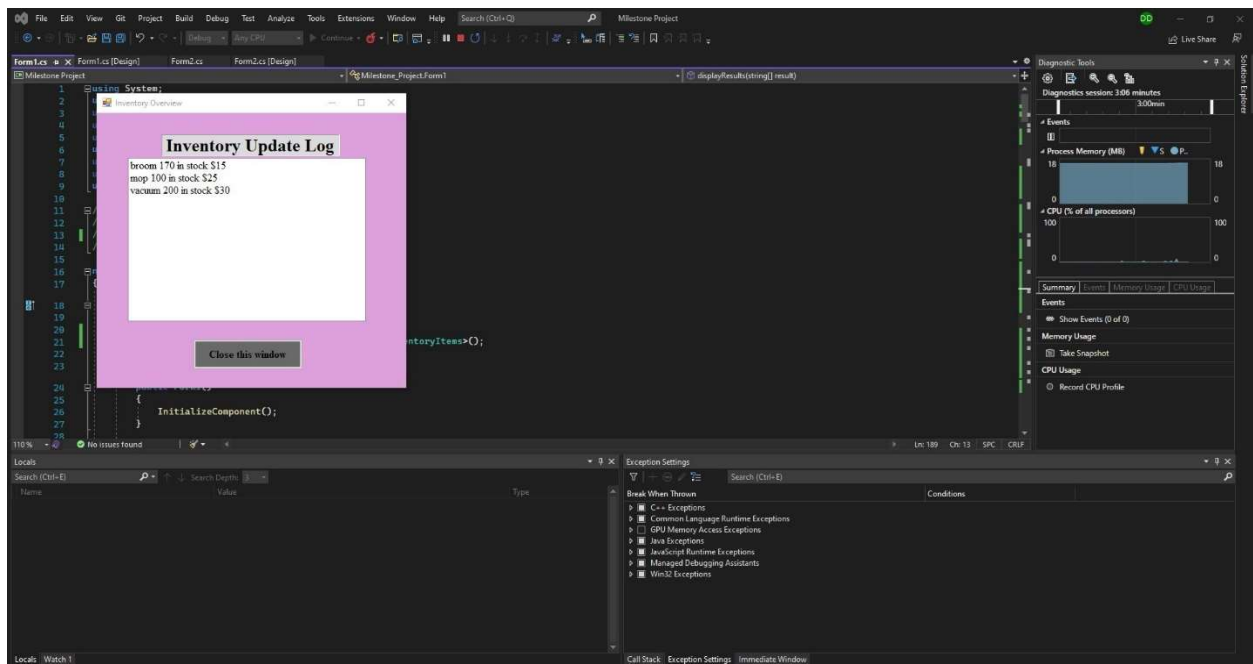
This program uses the C# language. This program's goal is to monitor and adjust the inventory of a store. It will keep track of total inventory, name, and prices of items. The current goal is to alter the inventory manager class so that it controls the overall inventory through the use of lists. Additionally, I have added a separate form window to visually record the current inventory. This program could be improved through the addition of more features and forms.











Visual Studio IDE showing a C# project named "Milestone Project". The main window displays the "Inventory Update Log" dialog box, which is currently open and showing the following text:

Inventory Update Log

broom 170 in stock \$15
vacuum 200 in stock \$30

Close this window

The background code in the "Form2.cs" file shows the following snippet:

```
using System;  
using System.Collections.Generic;  
...  
InitializeComponent();  
...  
pyItems>O;
```

The right-hand side of the IDE features the "Diagnostic Tools" window, which displays a summary of the current session (4:01 minutes) and a list of events. The "Events" section shows a single event (I) with a duration of 3:55min. The "Process Memory (MB)" and "CPU (% of all processors)" sections show usage graphs. The "Summary" tab is selected, showing a table with columns for "Summary", "Events", "Memory Usage", and "CPU Usage".

The bottom of the IDE shows the "Locals" window, which is currently empty. The "Exception Settings" window is also visible, showing a list of exceptions to break on, including "C++ Exceptions", "Common Language Runtime Exceptions", "GPU Memory Access Exceptions", "Java Exceptions", "JavaScript Runtime Exceptions", "Managed Debugging Assistants", and "Win32 Exceptions".