Kohl Johnson

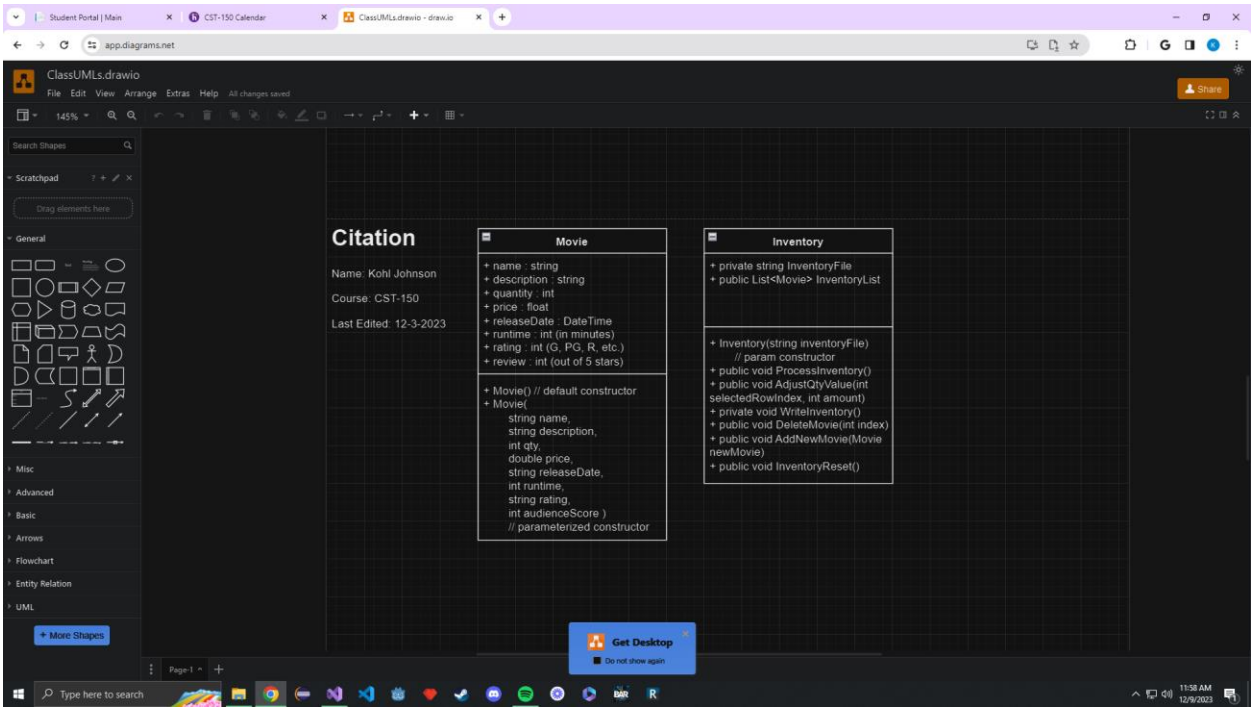
CST-150

12-09-2023

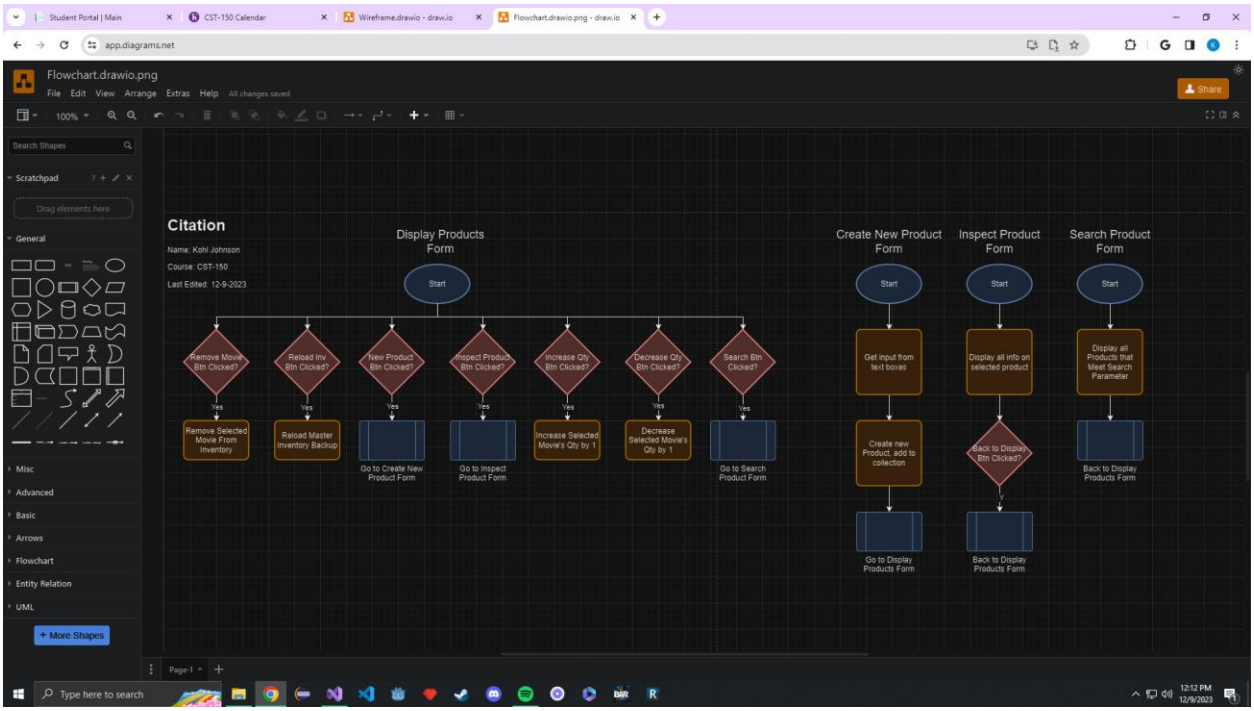
Milestone 7

Loom Video Link: https://www.loom.com/share/ba4ea79413c1487baa74a369f5a50906?sid=3f481910-5dc1-44b9-8dae-cb0448c23659

Class UMLs Screenshot

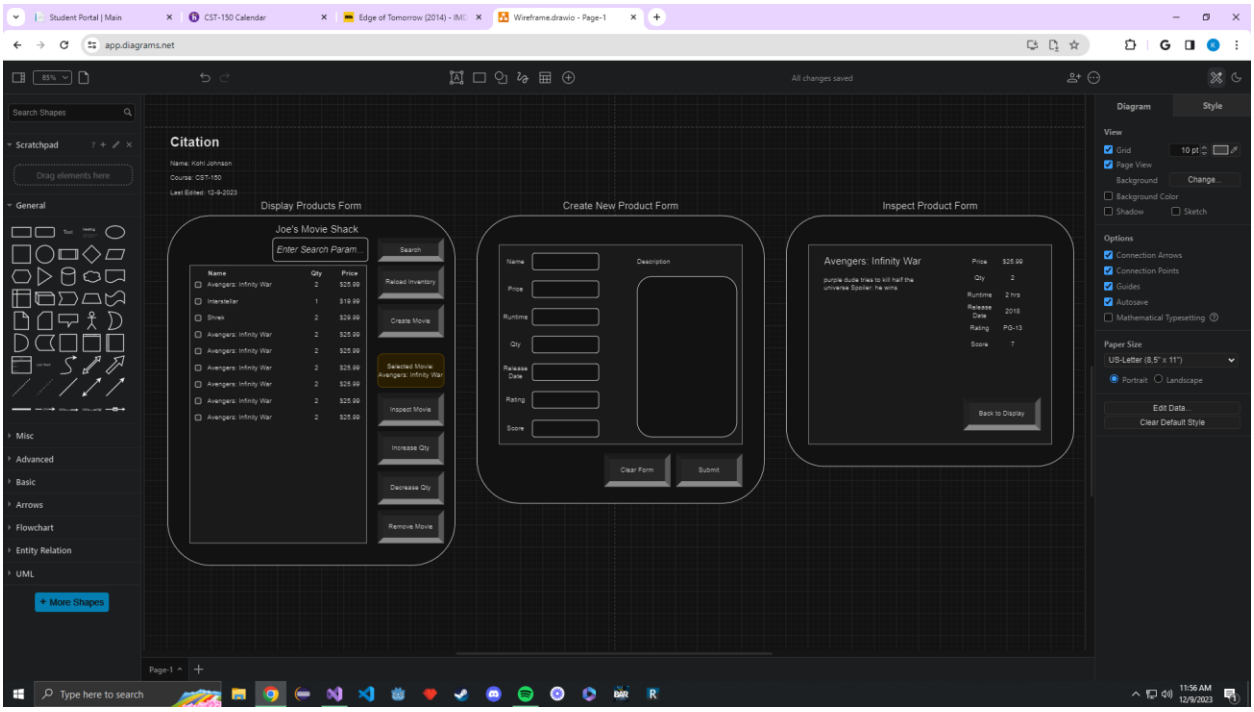


Flowchart Screenshot



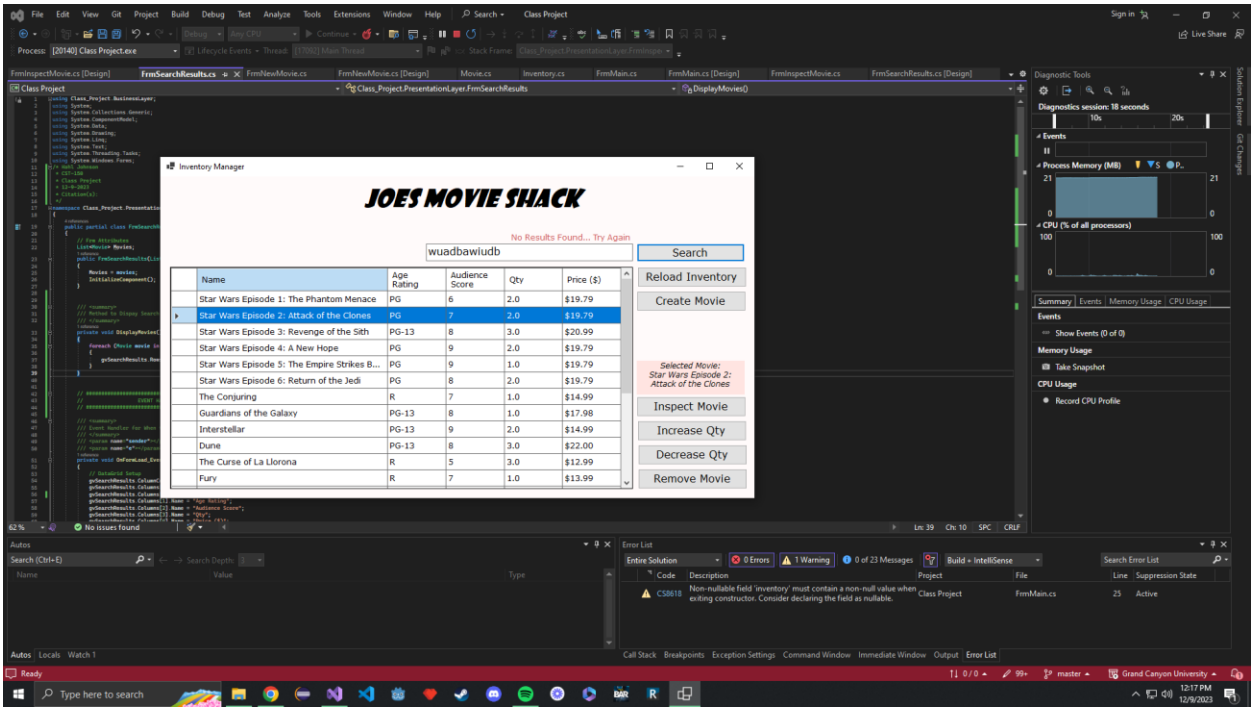
Everything was changed to be honest.

Wireframe Screenshot



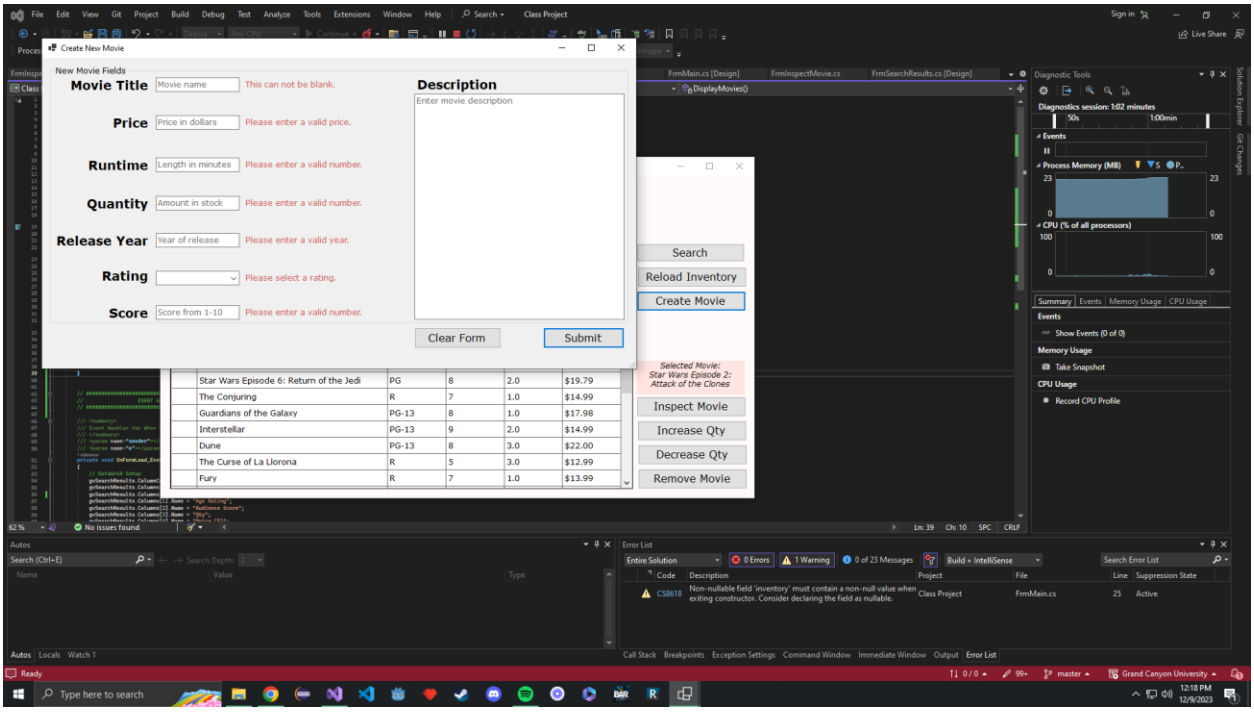
Added some more buttons on the Display Products Form

FrmMain Post Pop Screenshot



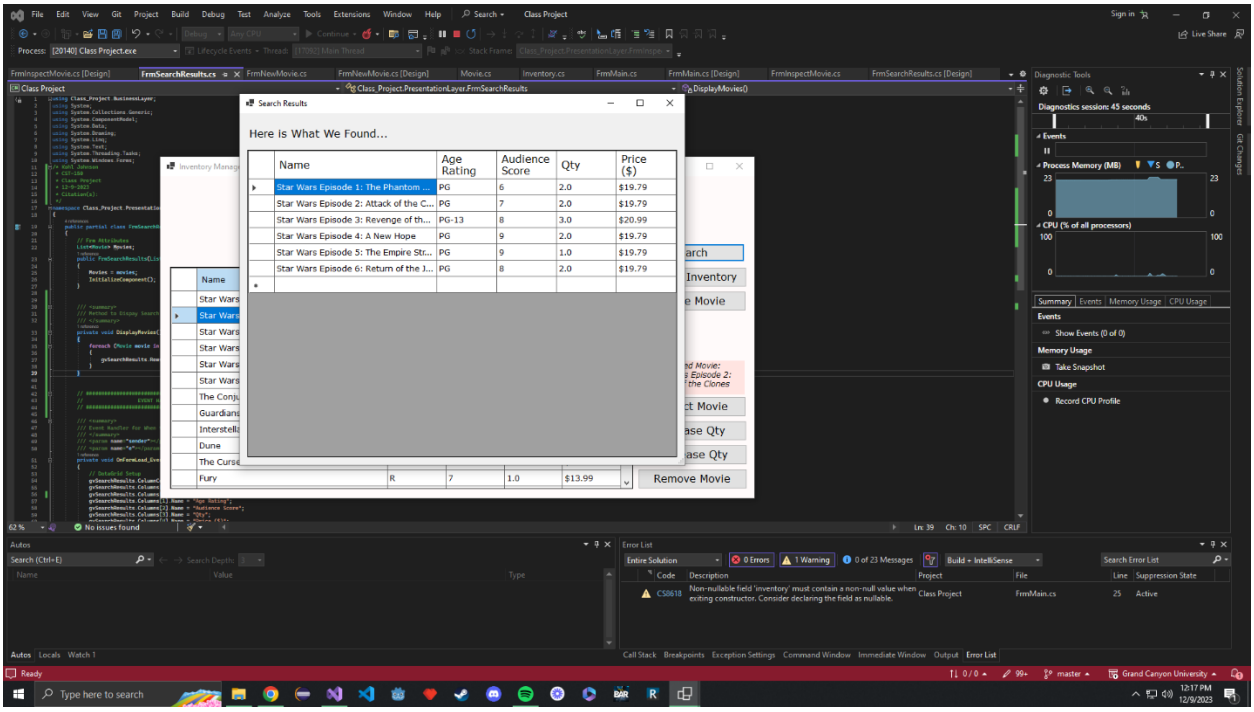
Shows the result of search parameter not meeting any of the movie names. Displays the text above the search text box saying “No Results Found…”

FrmNewProduct Post Pop Screenshot



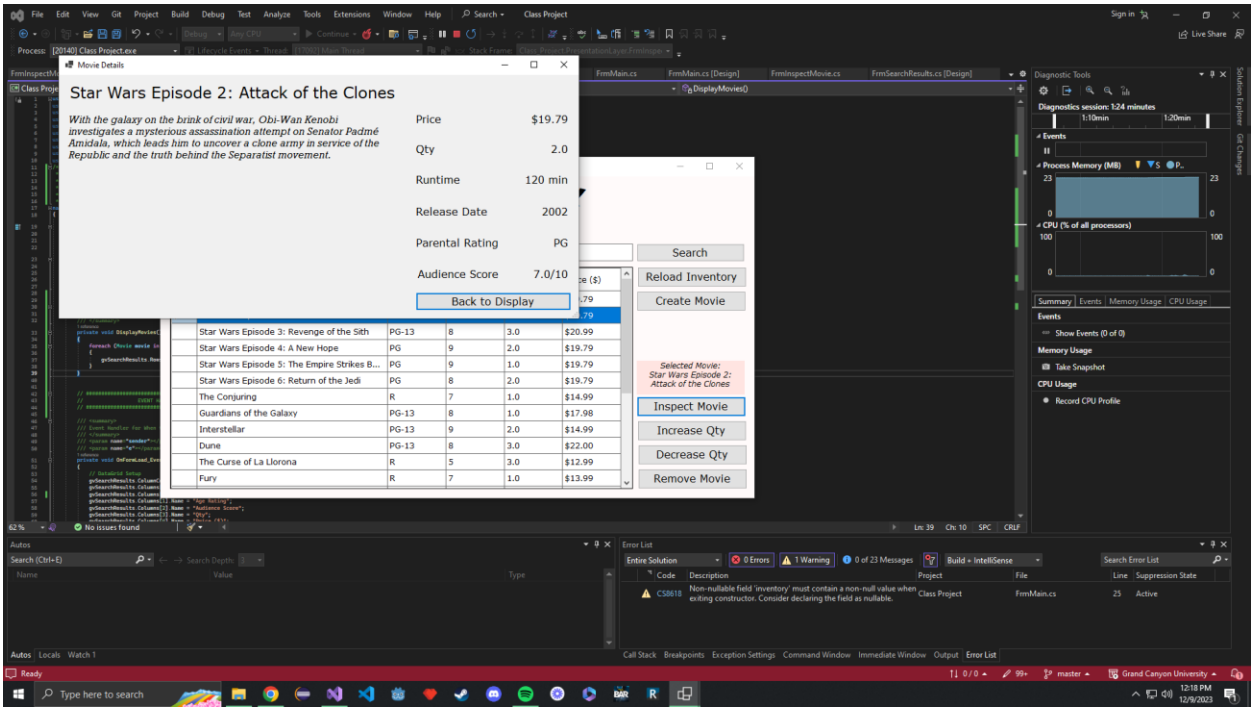
Shows most of the error messages that could pop up when creating a new movie object.

FrmSearch Post Pop Screenshot



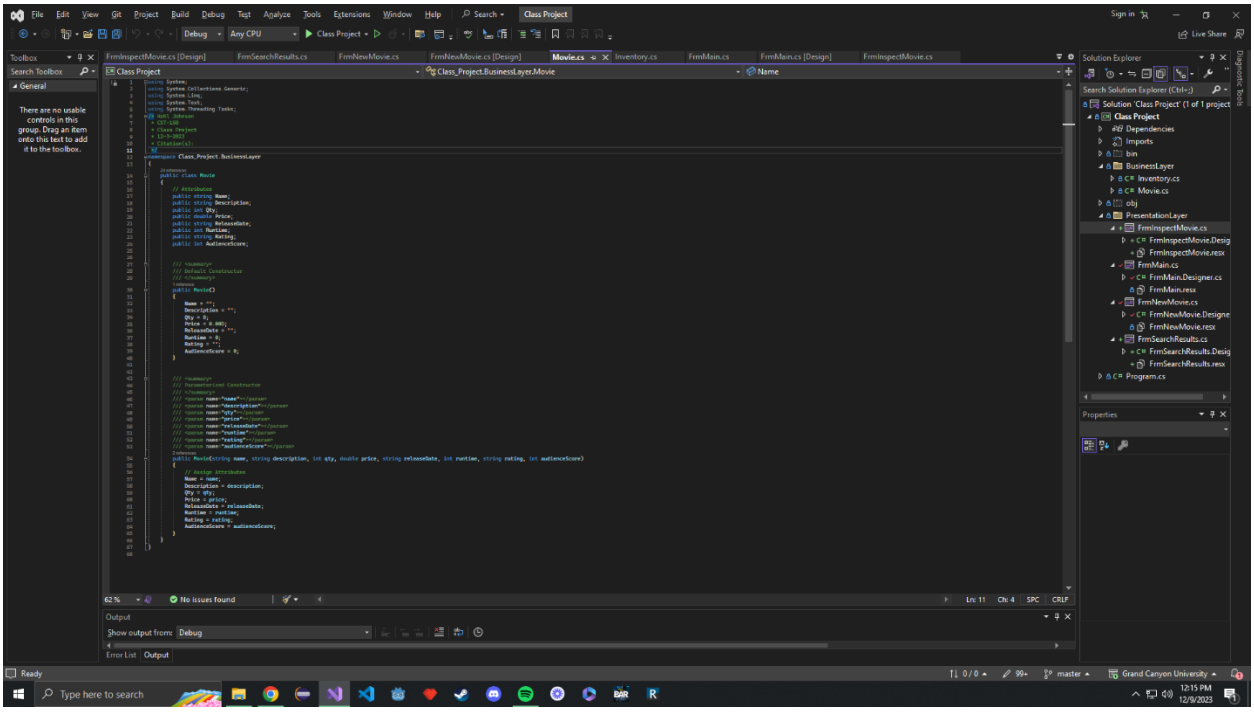
Shows the result of searching for “St”, of course, only Star Wars movies pop up.

FrmInspectMovie Post Pop Screenshot

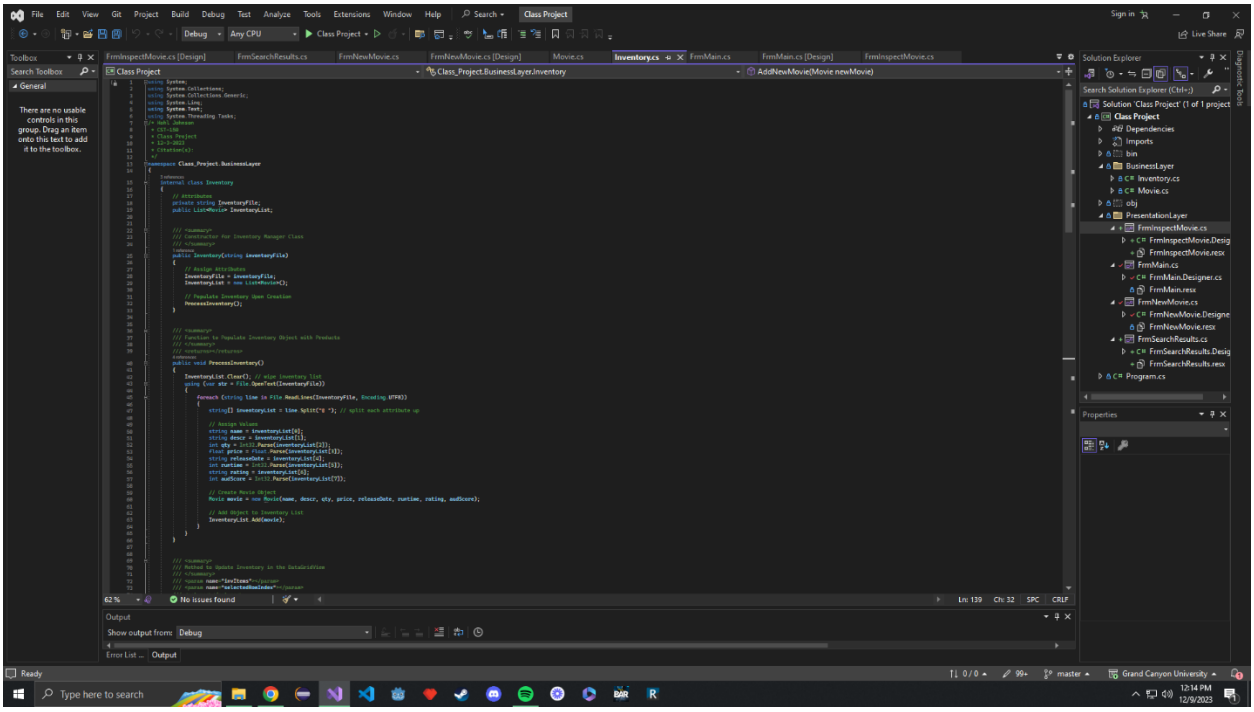


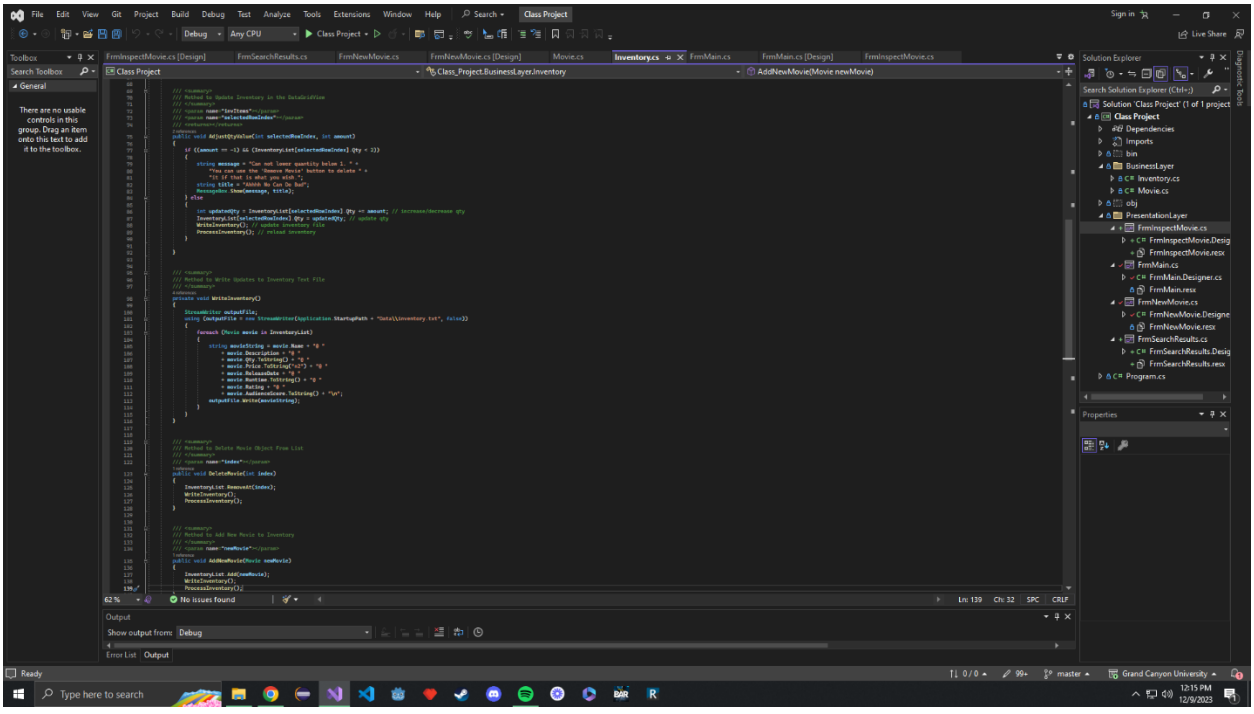
Shows the form for inspecting a single movie. Displays all the attributes associated with the Movie class.

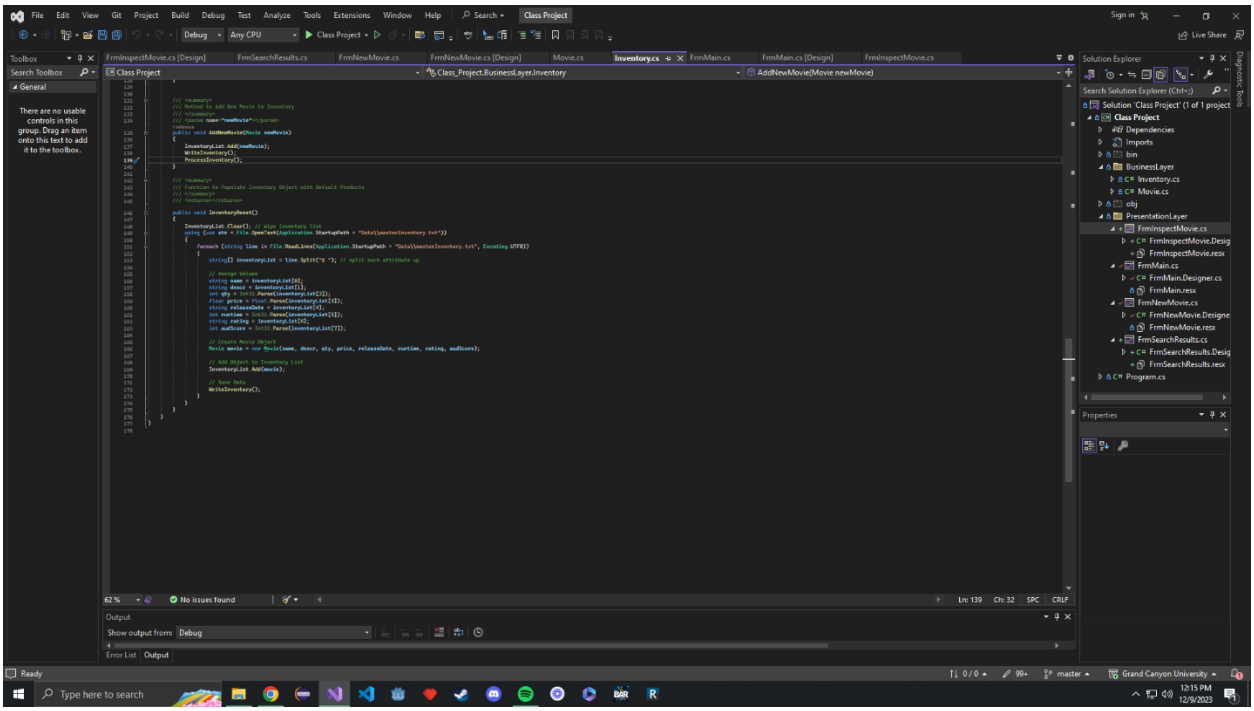
Movie Class Code Screenshot



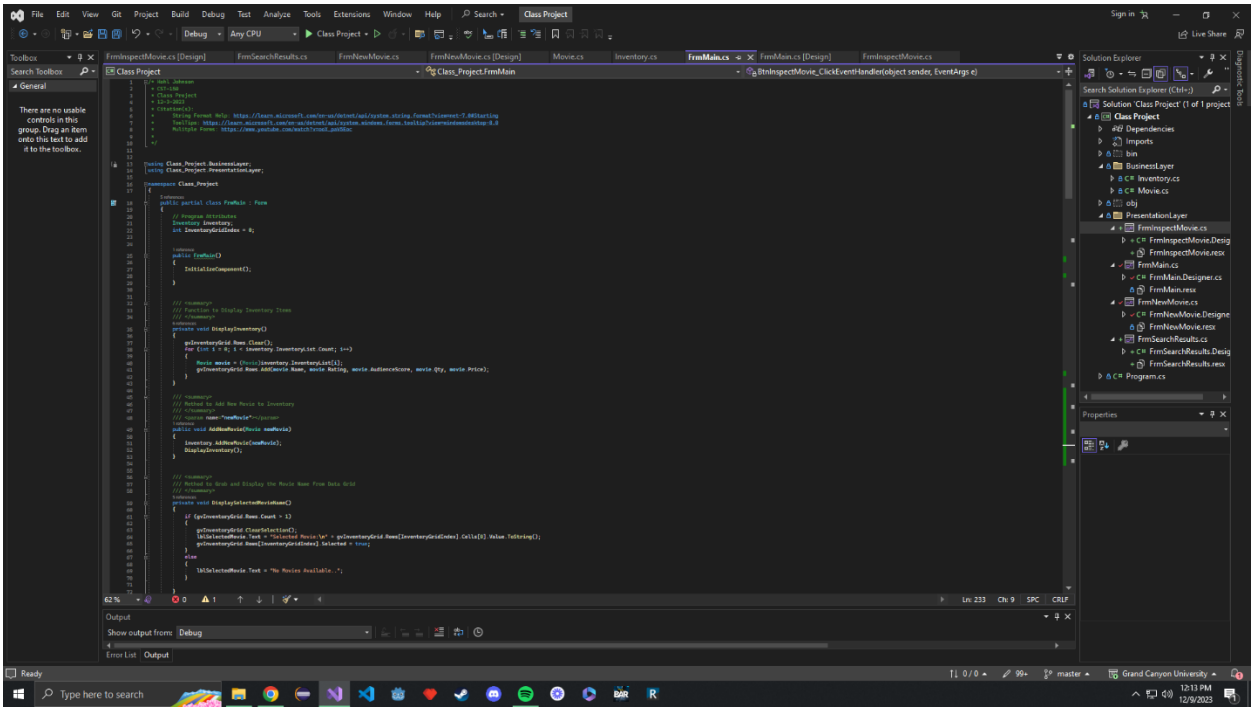
Inventory Class Screenshots

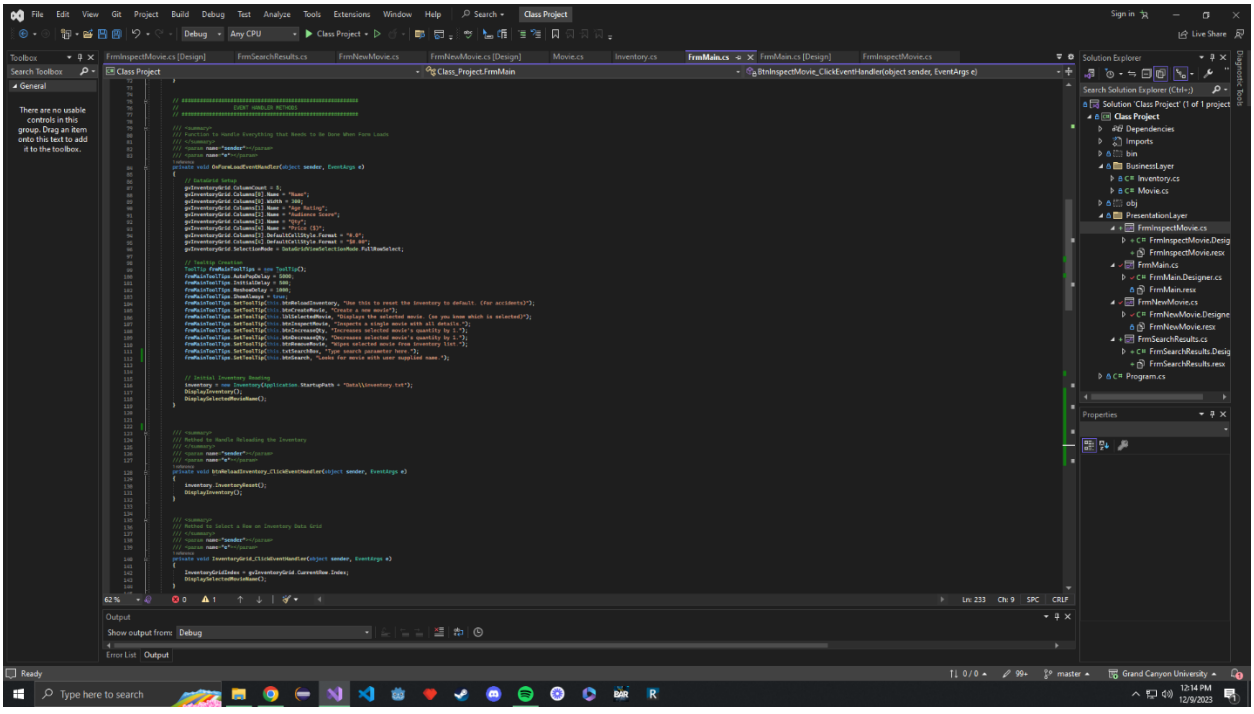


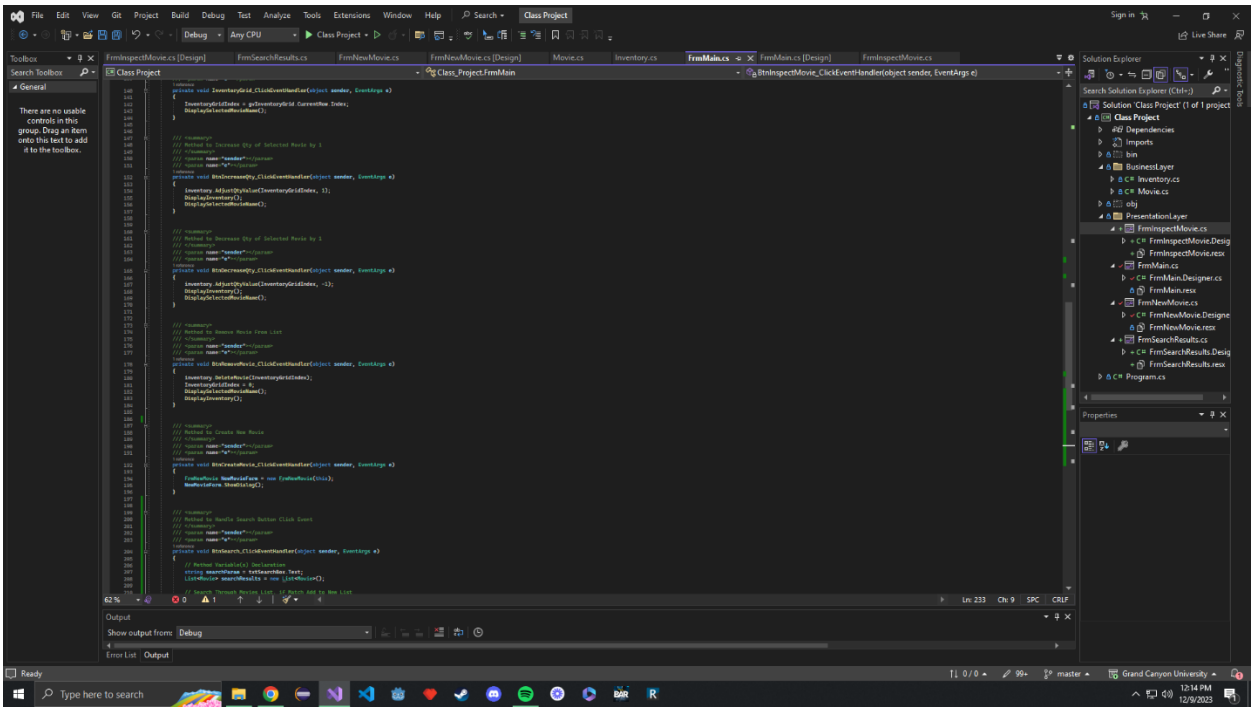


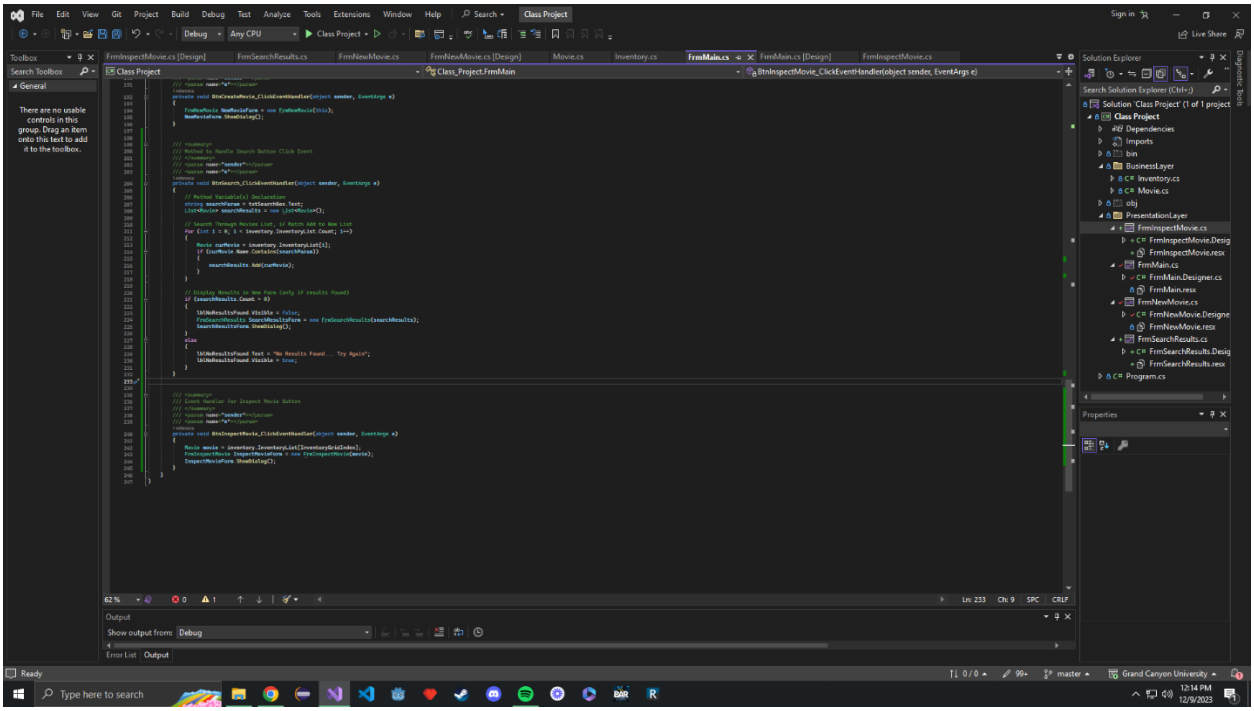

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help
Search
Class Project
Sign in
Live Share
Debug
Any CPU
Class Project
Toolbox
Search Toolbox
General
There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.
FrmInspectMovie.cs [Design]
FrmSearchResults.cs
FrmNewMovie.cs
FrmNewMovie.cs [Design]
Movie.cs
Inventory.cs
FrmMain.cs
FrmMain.cs [Design]
FrmInspectMovie.cs
Class Project
Class_Project.BusinessLayer.Inventory
AddNewMovie(Movie newMovie)
/// <summary>
/// Method to Add New Movie to Inventory
/// </summary>
/// <param name="newMovie"></param>
reference
public void AddNewMovie(Movie newMovie)
{
InventoryList.Add(newMovie);
WriteInventory();
ProcessInventory();
}
/// <summary>
/// Function to Populate Inventory Object with Default Products
/// </summary>
/// <returns></returns>
public void InventoryReset()
{
InventoryList.Clear(); // wipe inventory list
using (var str = File.OpenText(Application.StartupPath + "Data\\masterInventory.txt"))
{
foreach (string line in File.ReadLines(Application.StartupPath + "Data\\masterInventory.txt", Encoding.UTF8))
{
string[] inventory.txt = line.Split('¶ '); // split each attribute up
// Assign Values
string name = inventoryList[0];
string descr = inventoryList[1];
int qty = Int32.Parse(inventory.txt[2]);
float price = float.Parse(inventory.txt[3]);
string releaseDate = inventoryList[4];
int runtime = Int32.Parse(inventoryList[5]);
string rating = inventoryList[6];
int audScore = Int32.Parse(inventoryList[7]);
// Create Movie Object
Movie movie = new Movie(name, descr, qty, price, releaseDate, runtime, rating, audScore);
// Add Object to Inventory List
Inventory.List.Add(movie);
// Save Data
WriteInventory();
}
}
}
}
62 %
No issues found
Ln: 139 Ch: 32 SPC CRLF
Output
Show output from: Debug
Error List
Output
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'Class Project' (1 of 1 project
Class Project
Dependencies
Imports
bin
BusinessLayer
Inventory.cs
Movie.cs
obj
PresentationLayer
FrmInspectMovie.cs
FrmInspectMovie.Design
FrmInspectMovie.resx
FrmMain.cs
FrmMain.Designer.cs
FrmMain.resx
FrmNewMovie.cs
FrmNewMovie.Designe
FrmNewMovie.resx
FrmSearchResults.cs
FrmSearchResults.Desig
FrmSearchResults.resx
Program.cs
Properties
Diagnostic Tools
Ready
0 / 0
99+
master
Grand Canyon University
Type here to search
12:15 PM
12/9/2023

FrmMain Code Screenshots

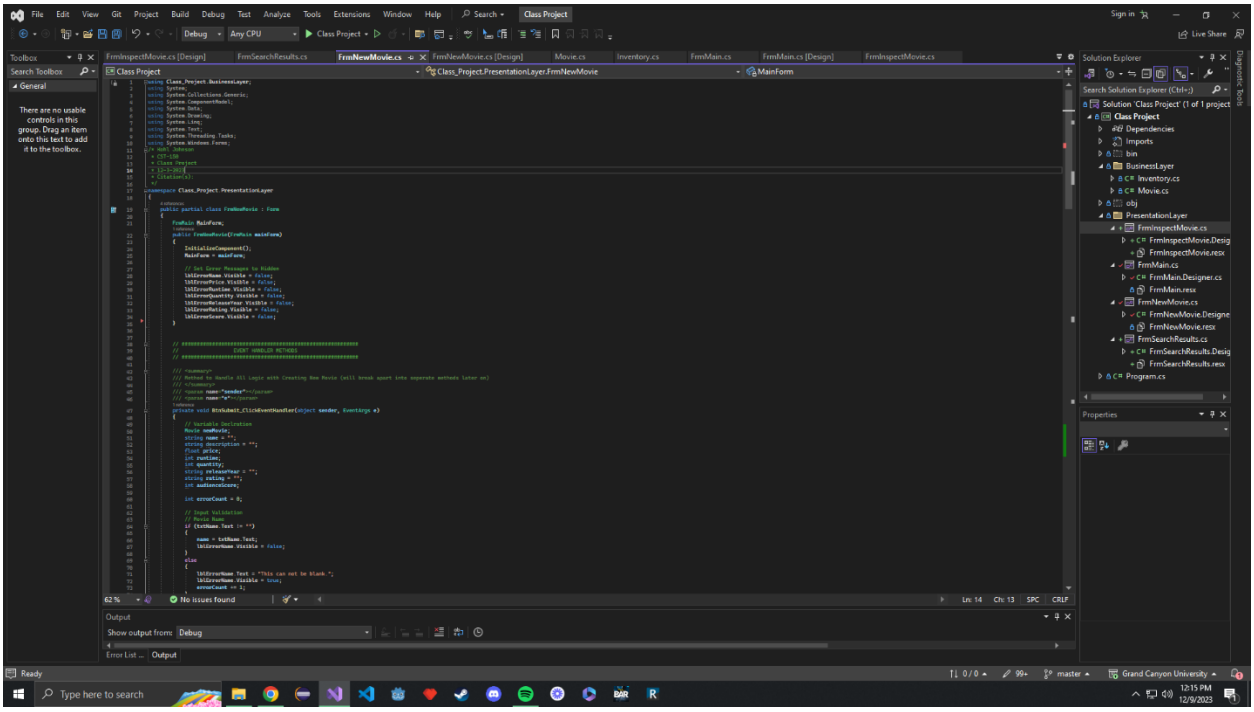


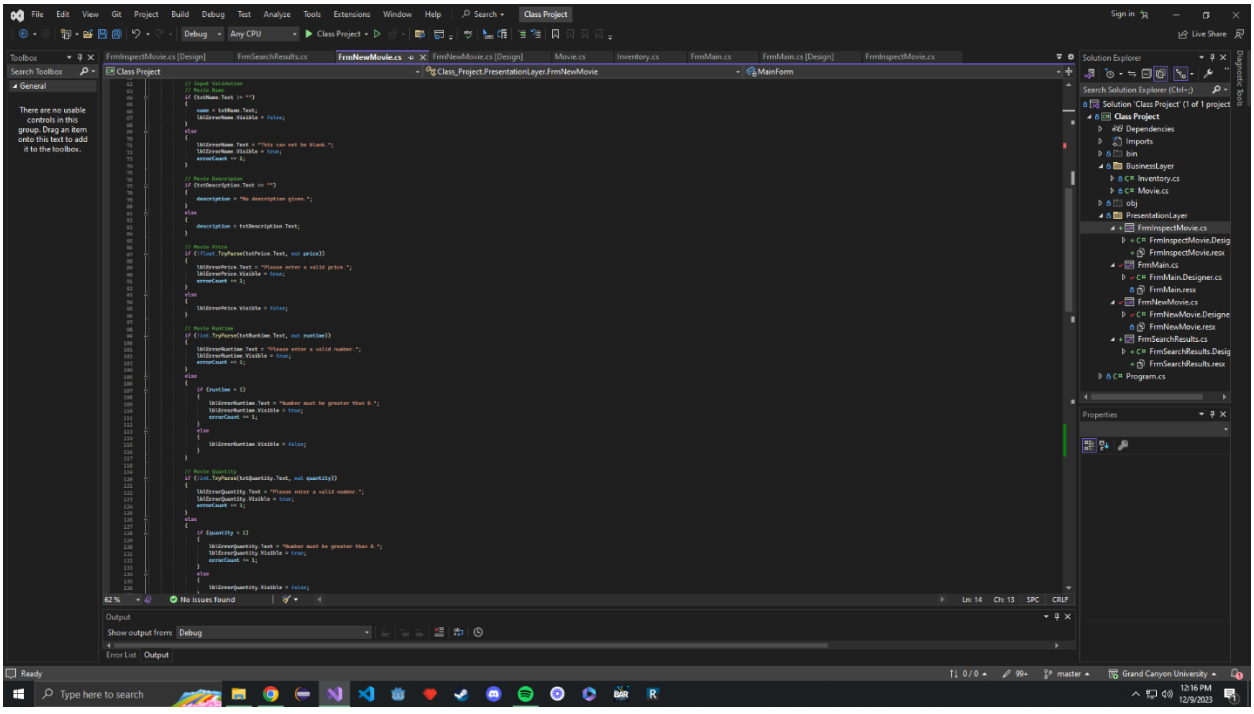


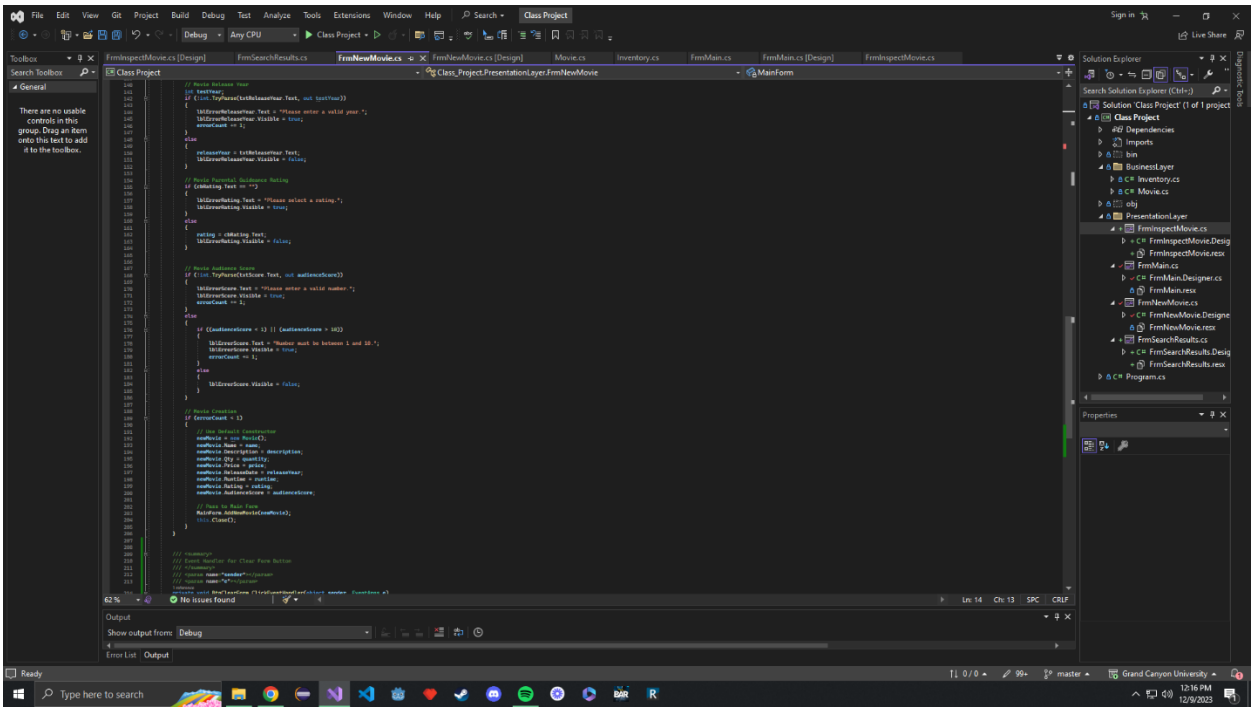


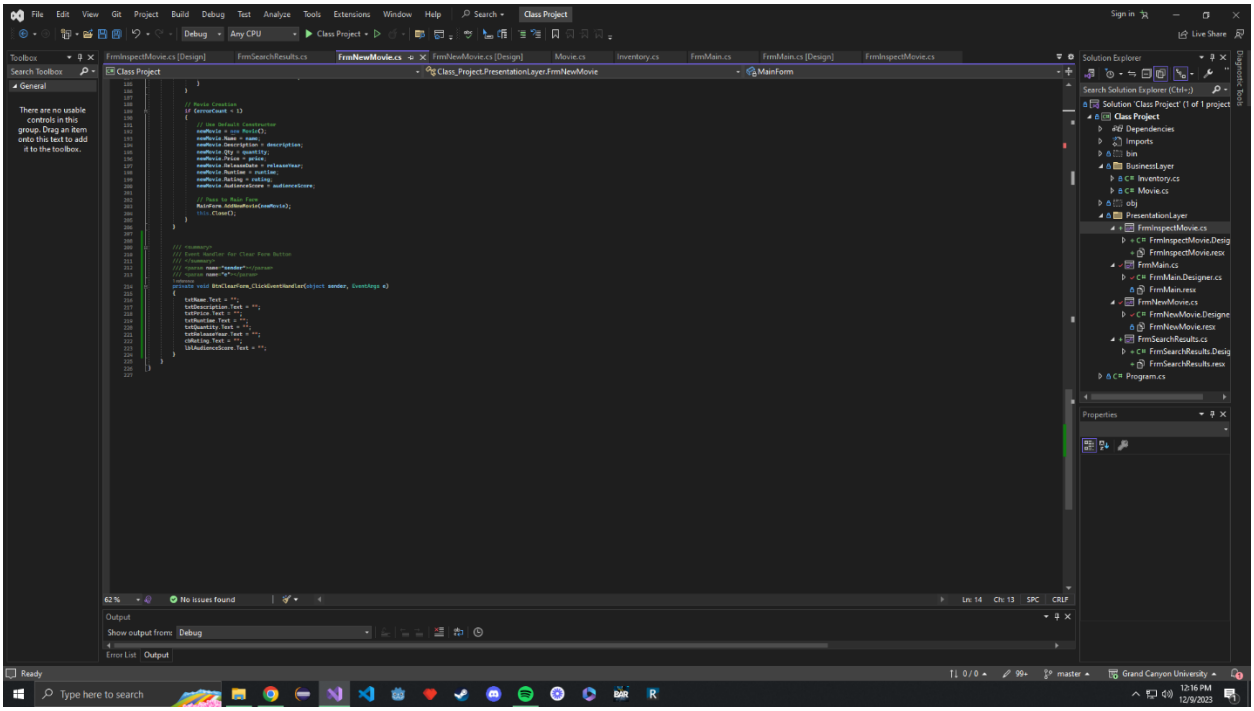


FrmNewProduct Code Screenshots

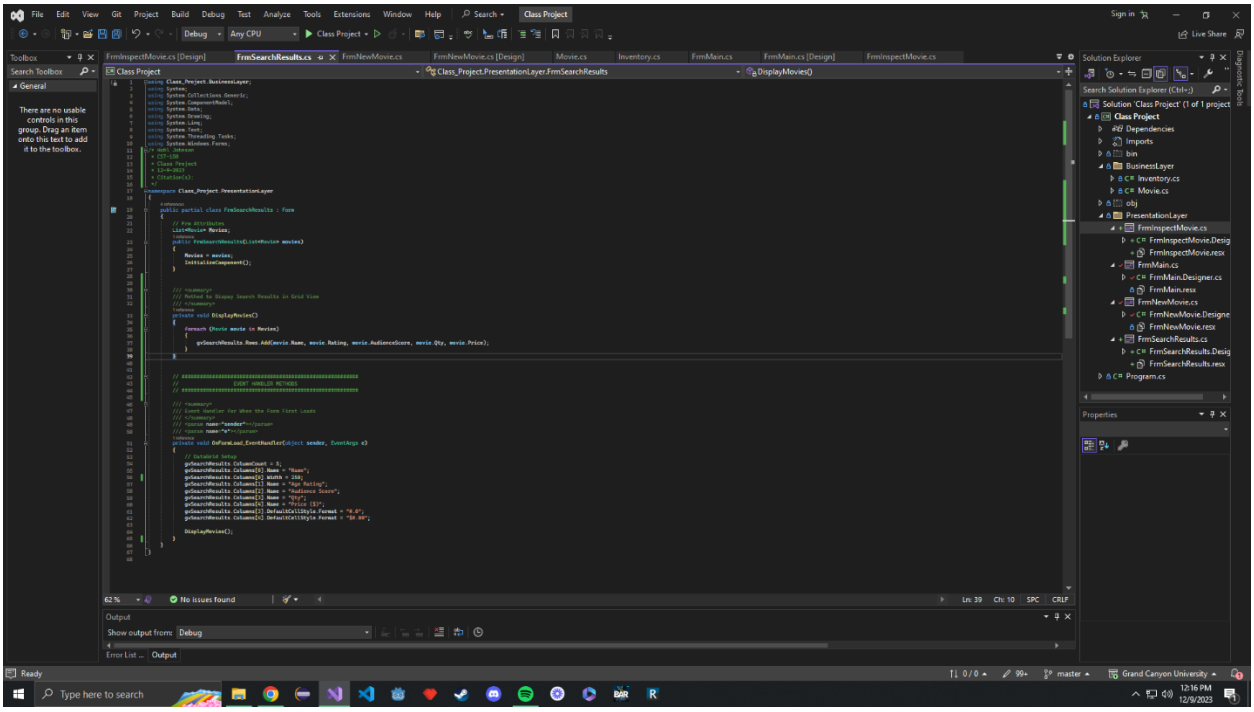




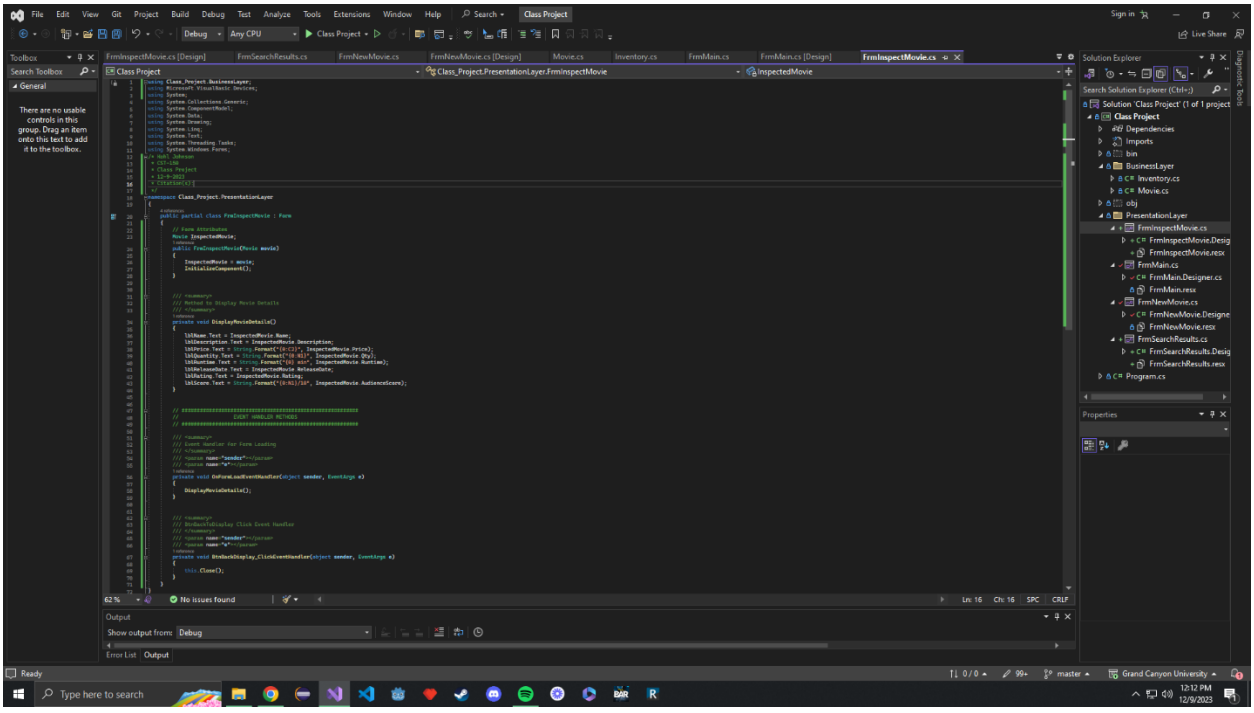




FrmSearch Code Screenshot



FrmInspectMovie Code Screenshot



Analysis on Global Awareness, Perspectives, and Ethics

Learning common naming conventions, formatting, and “flow” I think tie well into global awareness and perspectives. Learning the industry standards will help me not only with having a successful interview, but also with working in a team and ensuring that my code is easily readable and comprehensible for other developers. With the ethics part, even though is not necessarily applicable to this class project, ensuring the safety of user information and being honest with what data we are collecting is paramount. Another thing with ethics that also ties into using industry standards, is writing good quality code in terms of security.