



# **LOYALIST COLLEGE IN TORONTO**

**CLOD2005**

**Azure Architect Technologies 01**

**Week 11 – In-Class Lab**

**Assignment Submitted by:**

**Student Name: Anjani Netala**

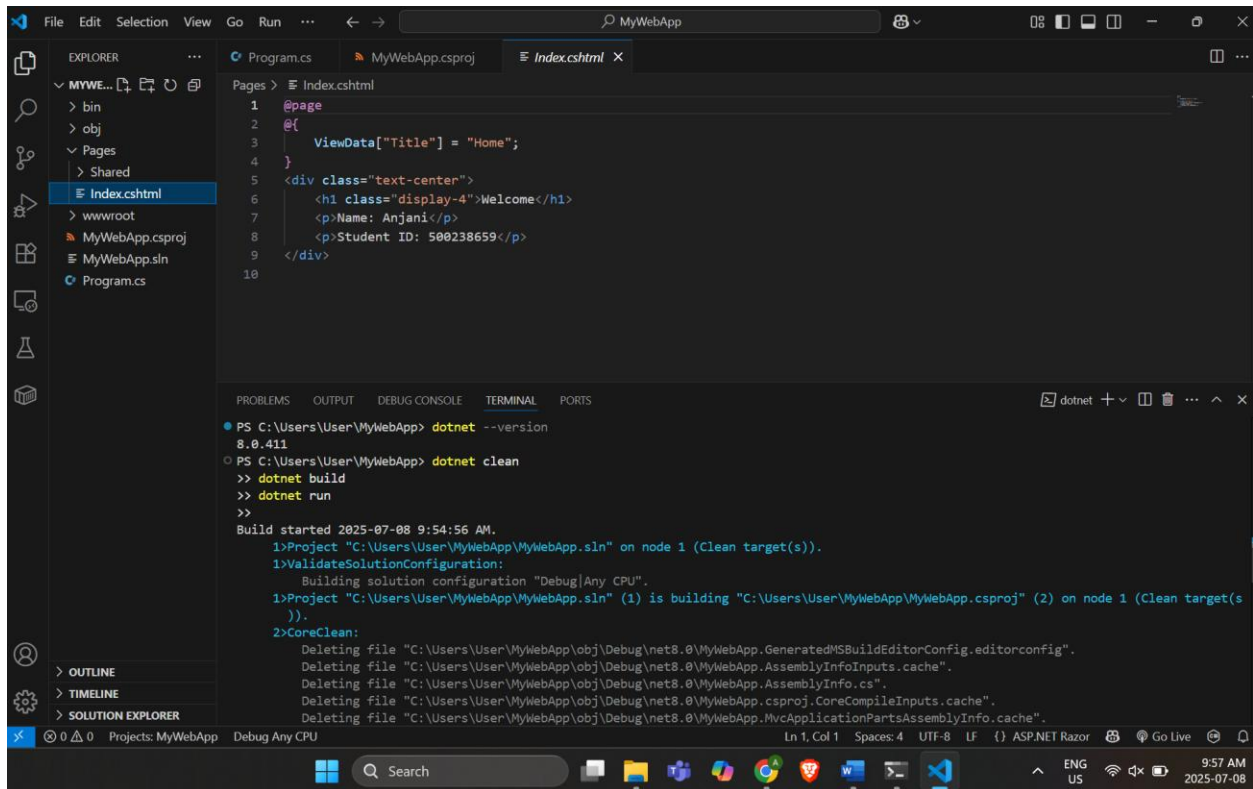
**Student ID: 500238659**

**Course Code: CLOD2005**

**Instructor Name: Sergio Loza**

GitHub Link: <https://github.com/AnjNet/ASP.NETWebApp>

Installed .NET 8.0 version and run the App locally



The screenshot displays the Visual Studio IDE with the 'MyWebApp' project open. The Explorer pane on the left shows the project structure, including 'bin', 'obj', 'Pages', and 'Shared' folders. The 'Index.cshtml' file is selected and its content is visible in the main editor. The terminal window at the bottom shows the execution of .NET commands to build and run the application.

```
1 @page
2 @{
3     ViewData["Title"] = "Home";
4 }
5 <div class="text-center">
6     <h1 class="display-4">Welcome</h1>
7     <p>Name: Anjani</p>
8     <p>Student ID: 500238659</p>
9 </div>
10
```

```
PS C:\Users\User\MyWebApp> dotnet --version
8.0.411
PS C:\Users\User\MyWebApp> dotnet clean
>> dotnet build
>> dotnet run
>>
Build started 2025-07-08 9:54:56 AM.
1>Project "C:\Users\User\MyWebApp\MyWebApp.sln" on node 1 (Clean target(s)).
1>ValidatesSolutionConfiguration:
    Building solution configuration "Debug|Any CPU".
1>Project "C:\Users\User\MyWebApp\MyWebApp.sln" (1) is building "C:\Users\User\MyWebApp\MyWebApp.csproj" (2) on node 1 (Clean target(s)).
2>CoreClean:
    Deleting file "C:\Users\User\MyWebApp\obj\Debug\net8.0\MyWebApp.GeneratedMSBuildEditorConfig.editorconfig".
    Deleting file "C:\Users\User\MyWebApp\obj\Debug\net8.0\MyWebApp.AssemblyInfoInputs.cache".
    Deleting file "C:\Users\User\MyWebApp\obj\Debug\net8.0\MyWebApp.AssemblyInfo.cs".
    Deleting file "C:\Users\User\MyWebApp\obj\Debug\net8.0\MyWebApp.csproj.CoreCompileInputs.cache".
    Deleting file "C:\Users\User\MyWebApp\obj\Debug\net8.0\MyWebApp.MvcApplicationPartsAssemblyInfo.cache".
```

Successfully run the app locally.



## Welcome

Name: Anjani

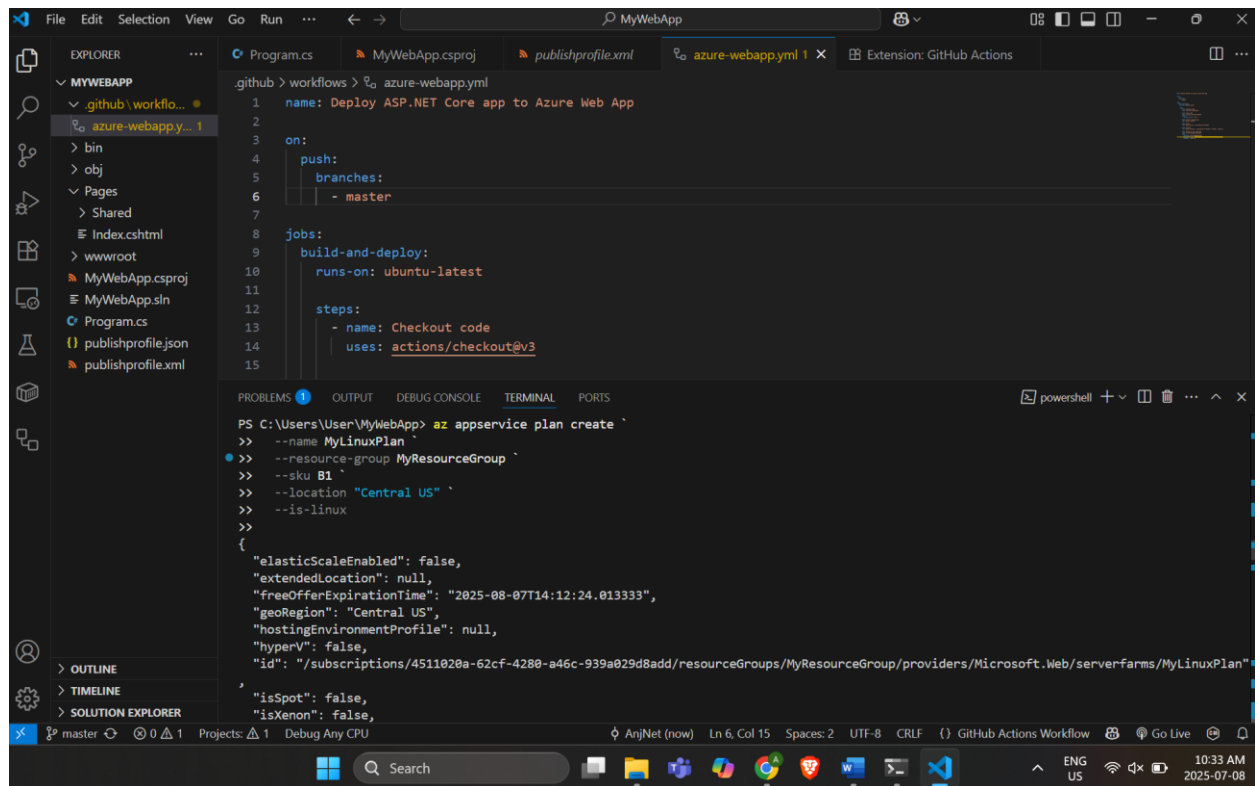
Student ID: 500238659



## Publish Profile — Get from Azure:

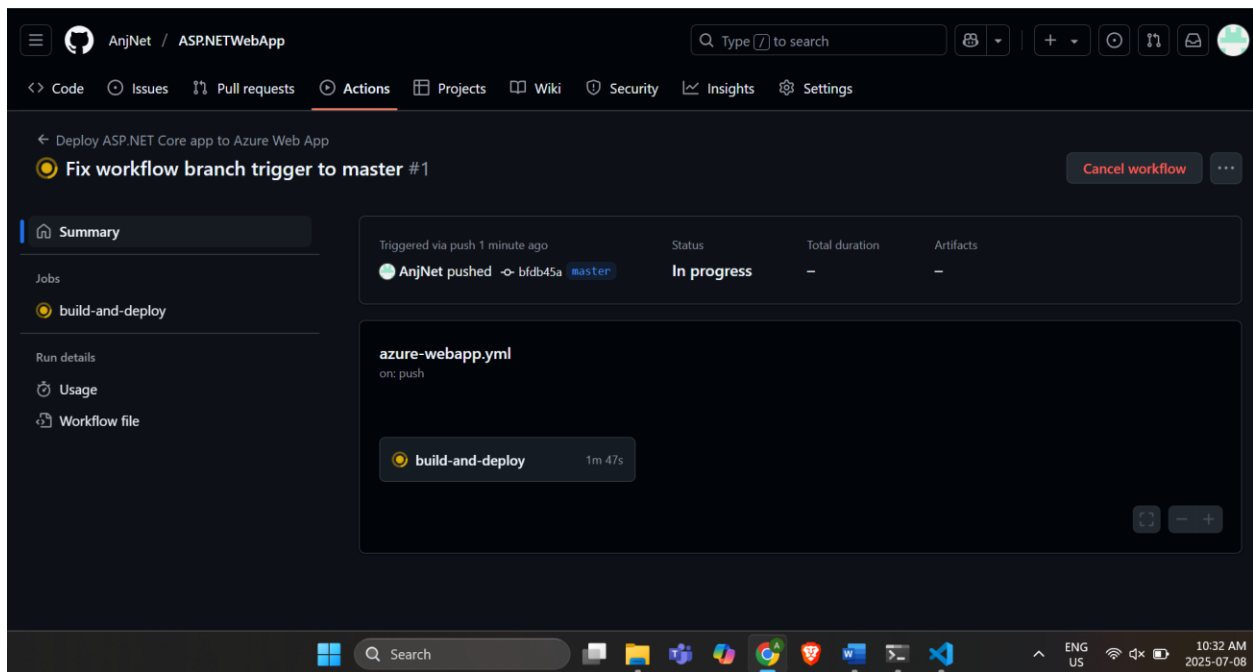
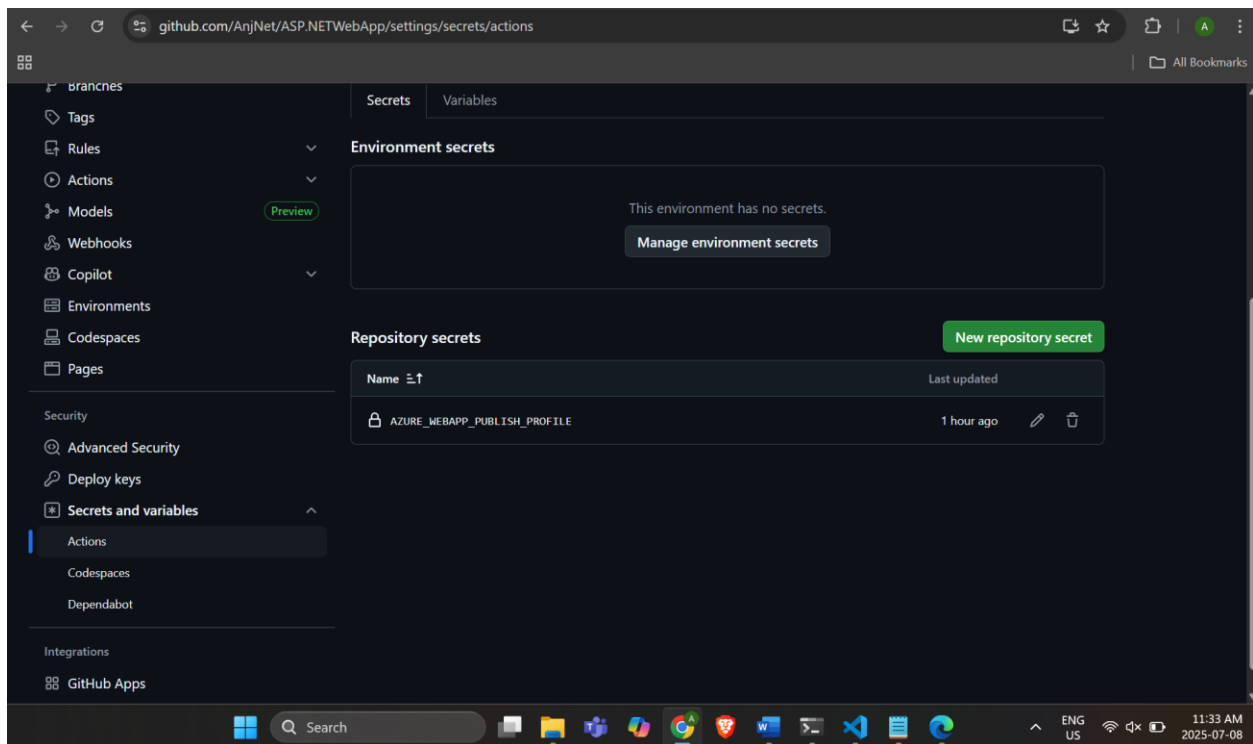
Using the Azure CLI, ran the following command to download the publish profile in JSON format. This file contains credentials and configuration needed to authenticate GitHub with Azure App Service.

```
az webapp deployment list-publishing-profiles \
  --name anjani500659webapp \
  --resource-group MyResourceGroup \
  --output json > publishprofile.json
```



Went to **GitHub** → **Settings** → **Secrets and variables** → **Actions** → **New repository secret**

- Name: AZURE\_WEBAPP\_PUBLISH\_PROFILE
- This secret allows GitHub Actions to authenticate and deploy the application to Azure securely, without exposing any credentials in the source code or workflow logs.



☰

AnjNet / ASP.NETWebApp

🔍 Type / to search

👤

+

🕒

🔗

📧

👤

<> Code🕒 Issues🔗 Pull requests🕒 Actions📁 Projects📖 Wiki🛡️ Security📈 Insights⚙️ Settings

← Deploy ASP.NET Core app to Azure Web App

✅ Fix workflow branch trigger to master #1

Re-run all jobs⋮

🏠 Summary

Jobs

✅ build-and-deploy

Run details

🕒 Usage

📄 Workflow file

Triggered via push 4 minutes ago

🟢 AnjNet pushed

→ bfdb45a

master

Status

Success

Total duration

3m 55s

Artifacts

—

azure-webapp.yml

on: push

✅ build-and-deploy

3m 51s

🔍

—

+

← → ↺

🌐 anjani500659webapp.azurewebsites.net

☆

📄

📄

📄

📄

📄

📄

All Bookmarks

# Welcome

Name: Anjani

Student ID: 500238659

🏠

🔍 Search

📄

📁

👤

🎨

🌐

🔥

📄

📄

📄

📄

📄

📄

^

ENG  
US

📶

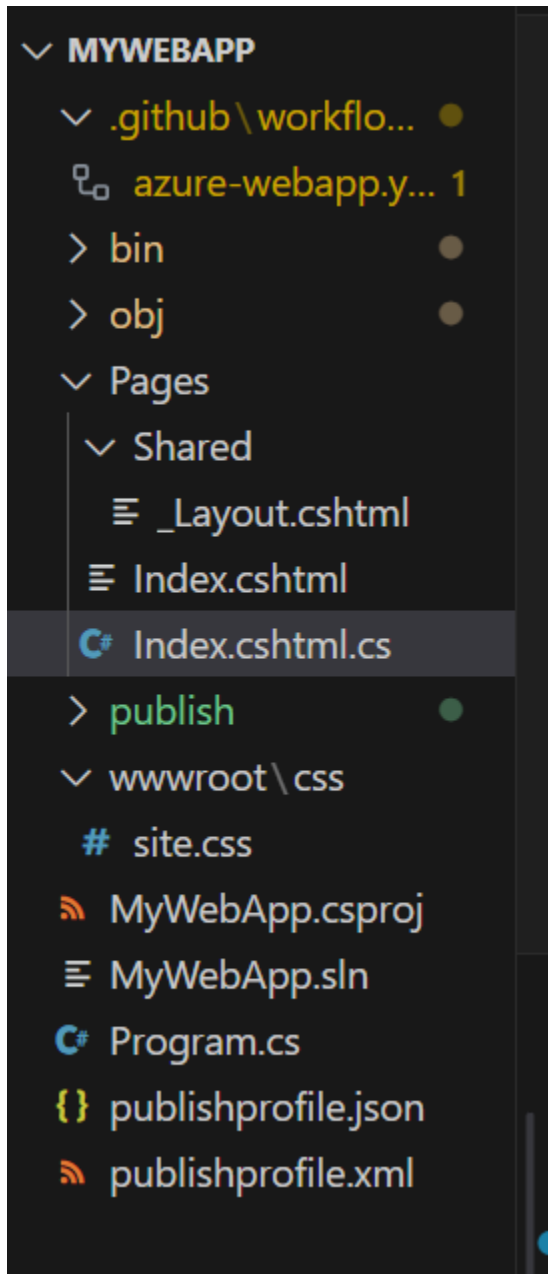
🔌

🔋

10:38 AM  
2025-07-08

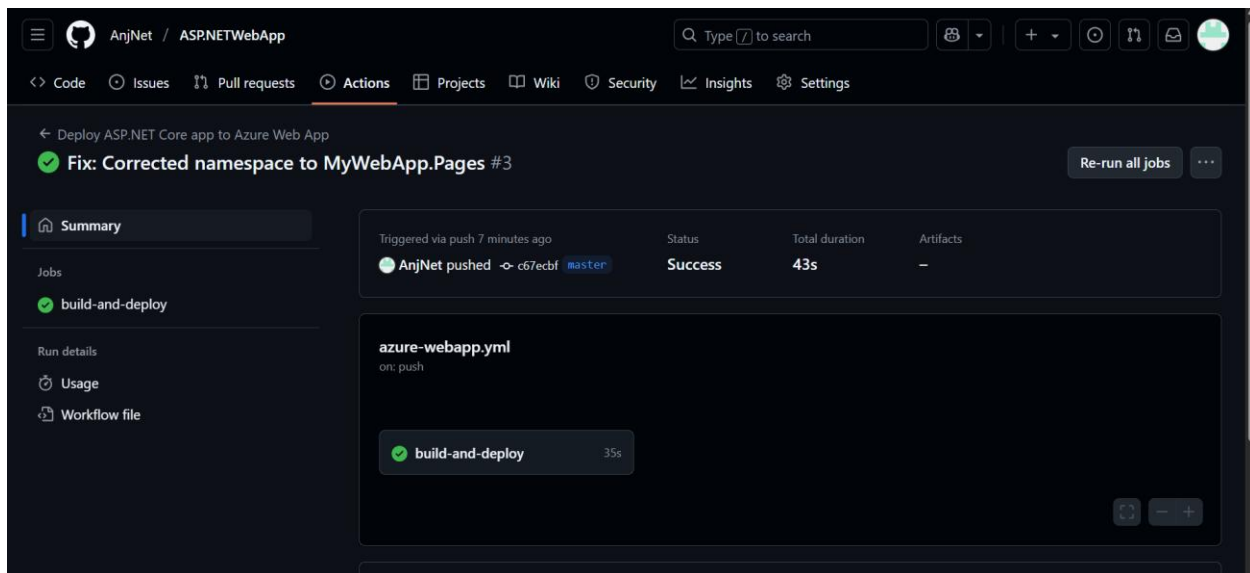
## Customization of App:

Created a dedicated CSS file (site.css) in the wwwroot/css folder.



## Testing Locally:

- Ran the app locally using dotnet run to verify the appearance.
- Fixed any issues with CSS loading or layout glitches.



**Hello, I'm Anjani!**

Student ID: 500238659

Azure Web App



## Access and Verify the Live Azure Web App After GitHub Push:

Upon pushing the latest code (with customizations) to the GitHub repository, the configured GitHub Actions workflow was automatically triggered.

Navigated to the Azure Web App URL:

<https://anjani500659webapp.azurewebsites.net/>



Observed the live, deployed web application loading in the browser.

