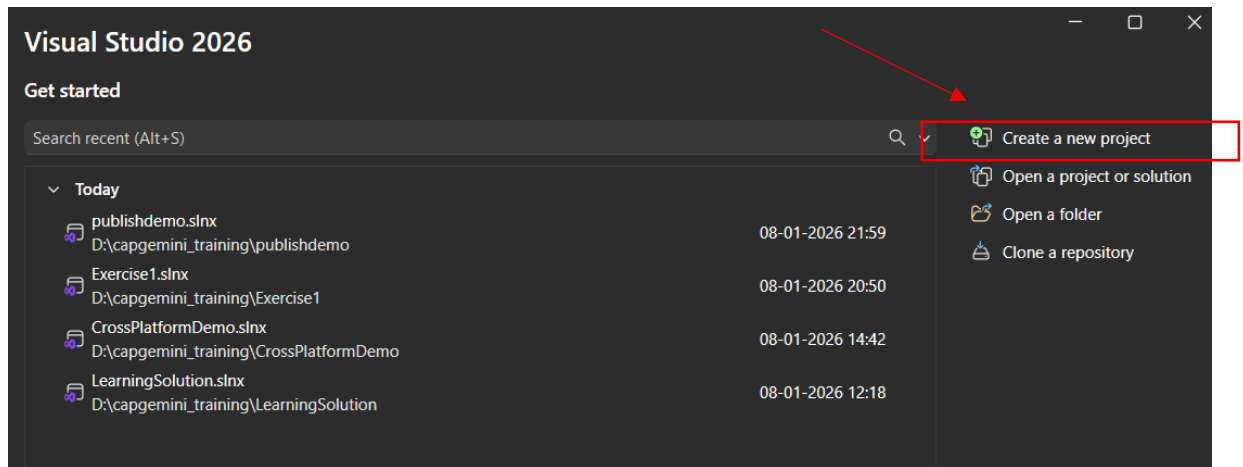


Publishing of a Project

1. Get Started

Firstly, we have to open our visual studio. We will get the interface as shown below:

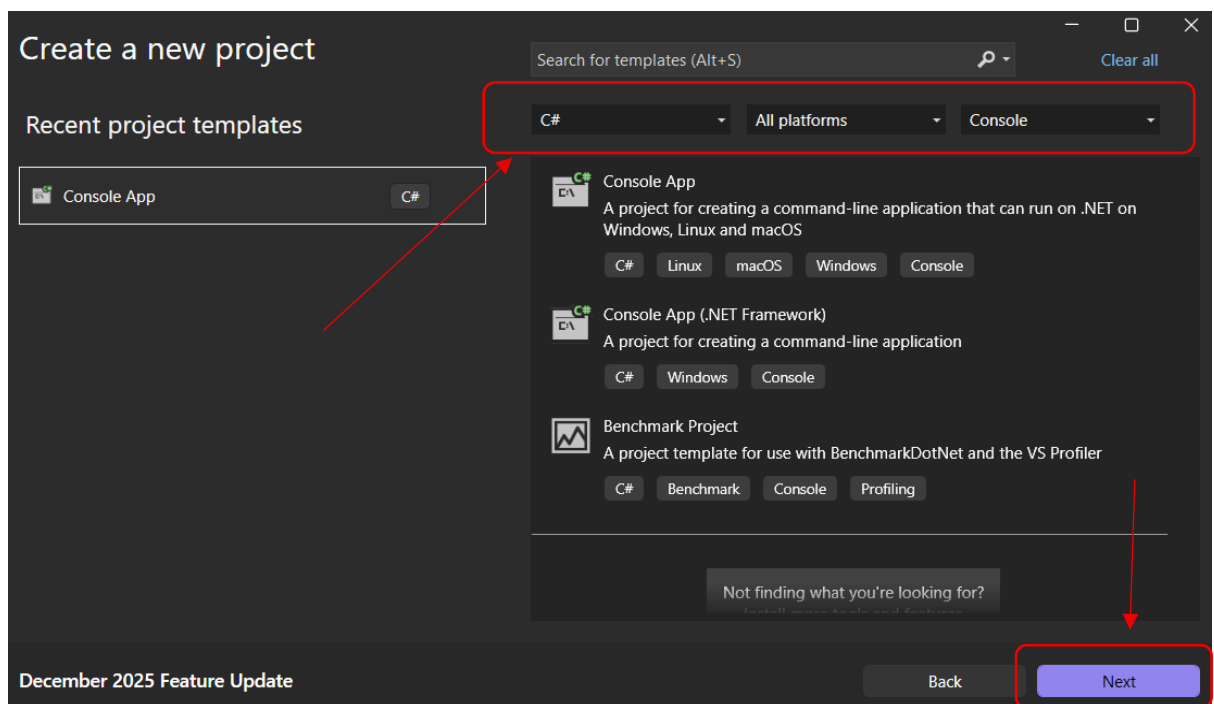


We have to select create a new project.

2. Create a new project:

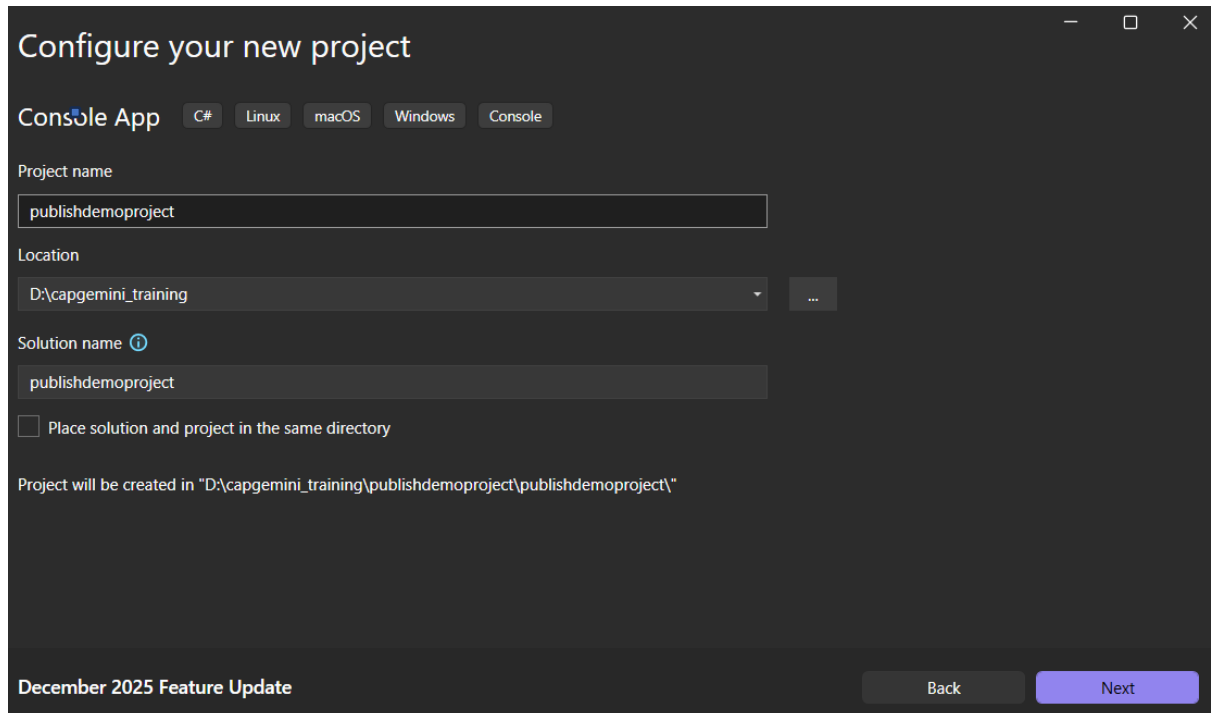
After creating new project, we will see this interface as shown below:

- where in the first dropdown we can select the language in which we want to create the project.



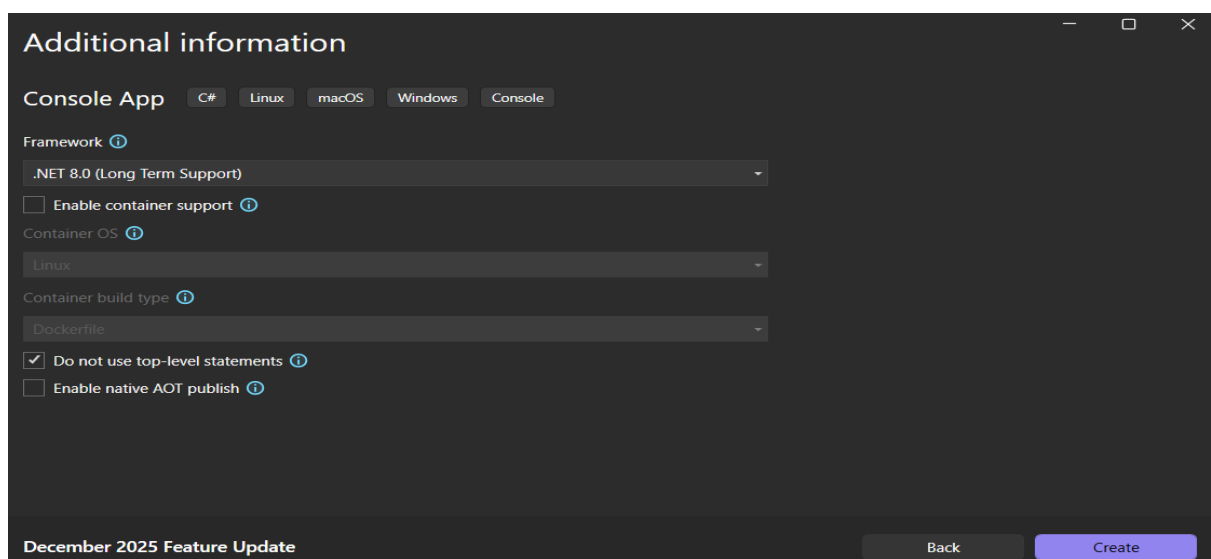
- All platforms dropdown shows templates for Windows, Linux, Web etc.

- The last dropdown shows the templates by project type. Here, we want to make a console application so we have selected console.
 - After that click on NEXT button.
3. **Configure your new project:**
We will get an interface showing Configure your project.
Enter the project name and location where you want to store the project, then press NEXT button.



The screenshot shows the 'Configure your new project' window. At the top, it says 'Console App' with tabs for C#, Linux, macOS, Windows, and Console. The 'Project name' field contains 'publishdemoproject'. The 'Location' dropdown shows 'D:\caggemini_training'. The 'Solution name' field also contains 'publishdemoproject'. There is a checkbox for 'Place solution and project in the same directory' which is unchecked. Below this, it states 'Project will be created in "D:\caggemini_training\publishdemoproject\publishdemoproject\"'. At the bottom, there is a 'December 2025 Feature Update' label, a 'Back' button, and a 'Next' button.

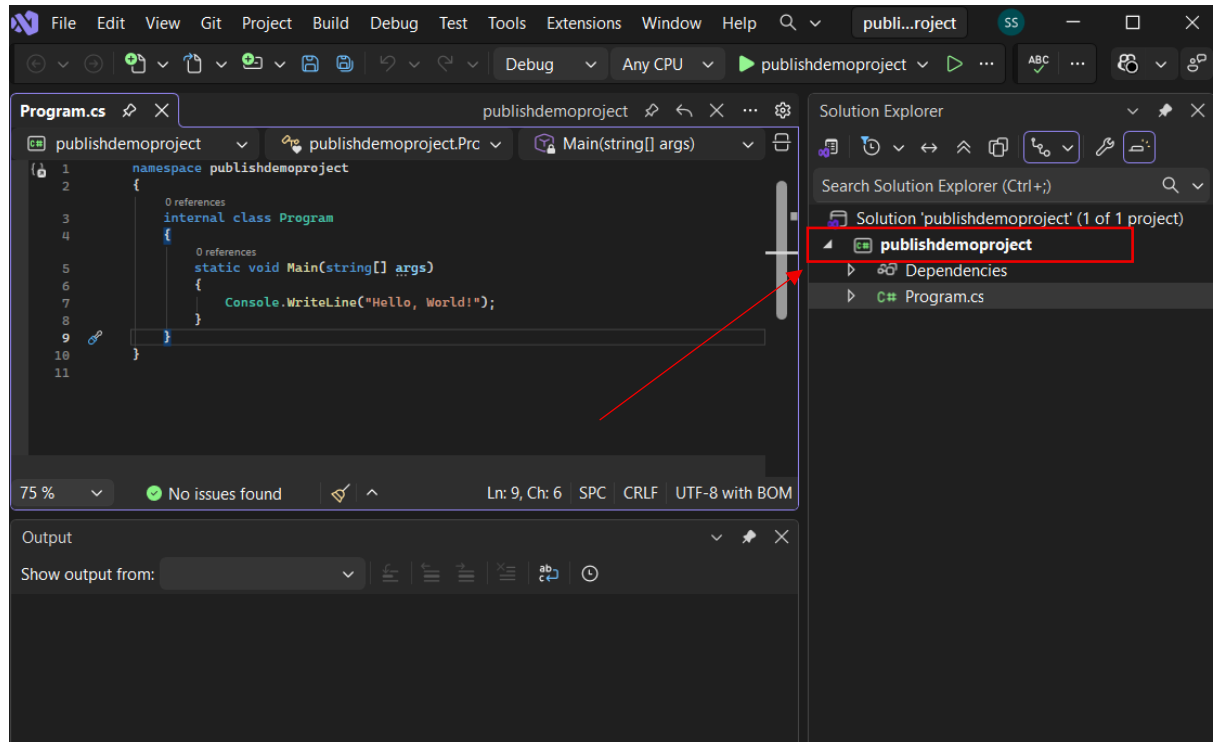
4. **Additional Information:**
Select the framework version in which you want to work in. Then CLICK on Create.



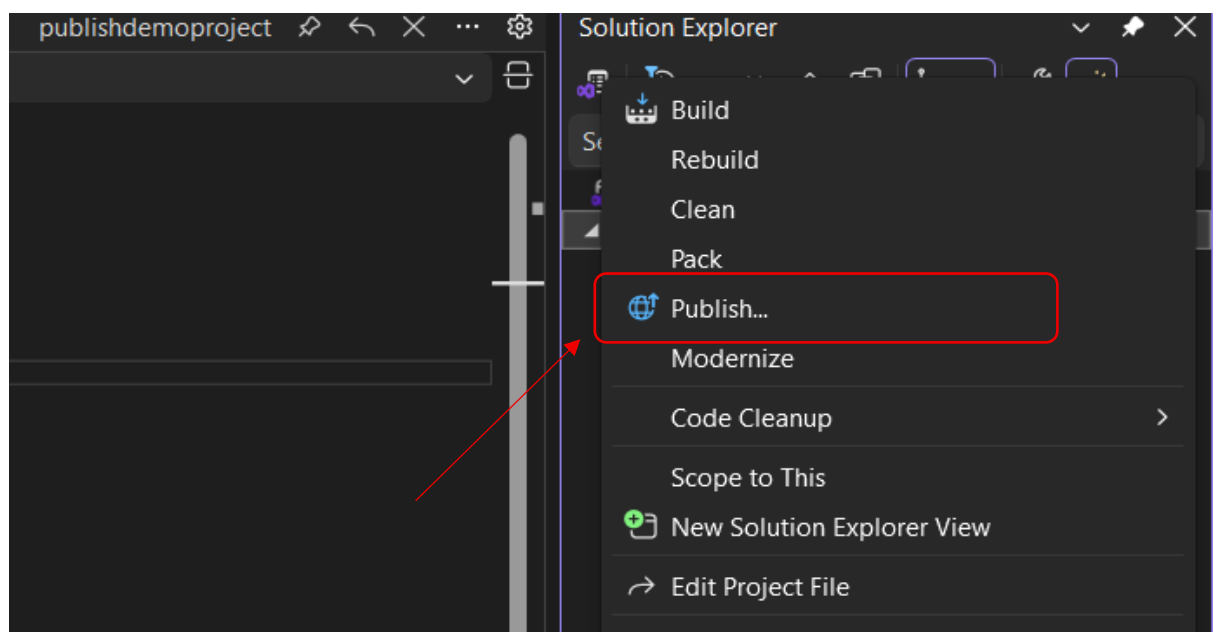
The screenshot shows the 'Additional information' window. It has the same 'Console App' tabs at the top. The 'Framework' dropdown is set to '.NET 8.0 (Long Term Support)'. There is a checkbox for 'Enable container support' which is unchecked. The 'Container OS' dropdown is set to 'Linux'. The 'Container build type' dropdown is set to 'Dockerfile'. There are two checkboxes: 'Do not use top-level statements' which is checked, and 'Enable native AOT publish' which is unchecked. At the bottom, there is a 'December 2025 Feature Update' label, a 'Back' button, and a 'Create' button.

5. **Project file created:**

A project file is created having some files like program.cs which will be having the basic starter code.

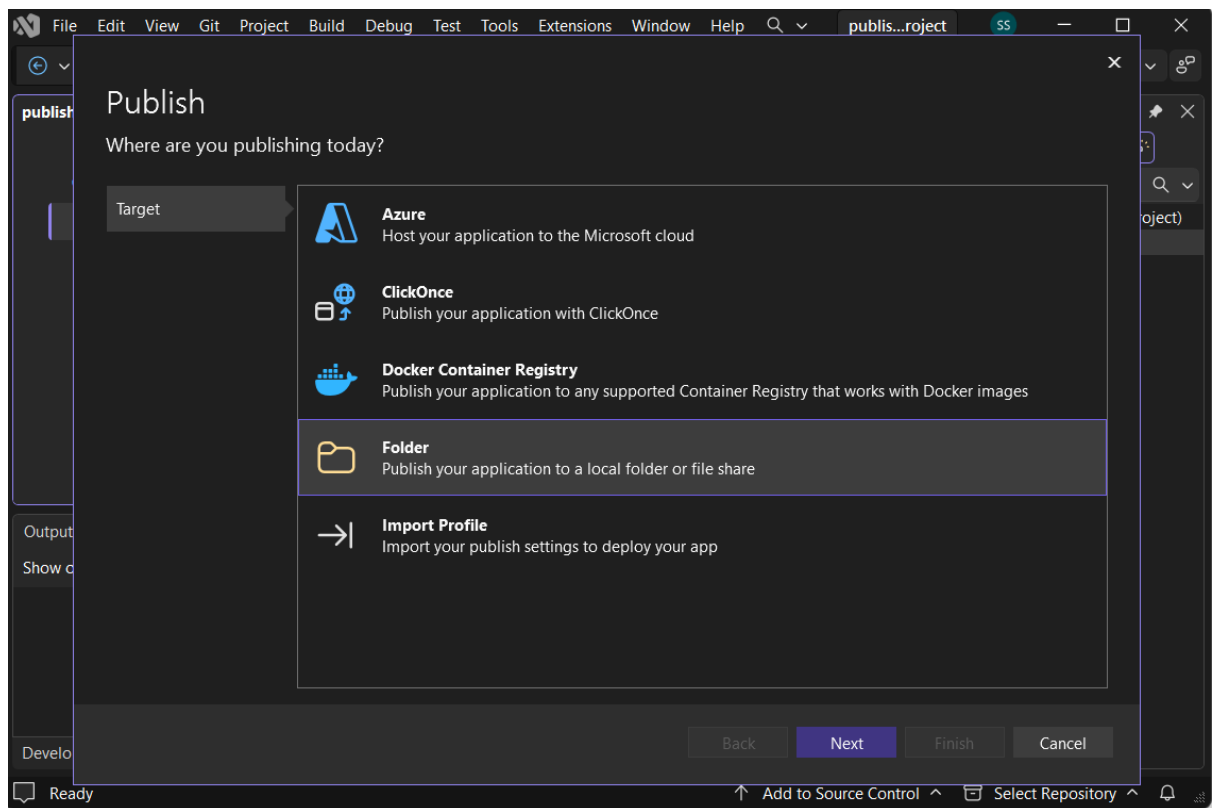


6. Now in the solution Explorer, in the project file named “publishdemoreport” we have to right click. Then select the Publish option.



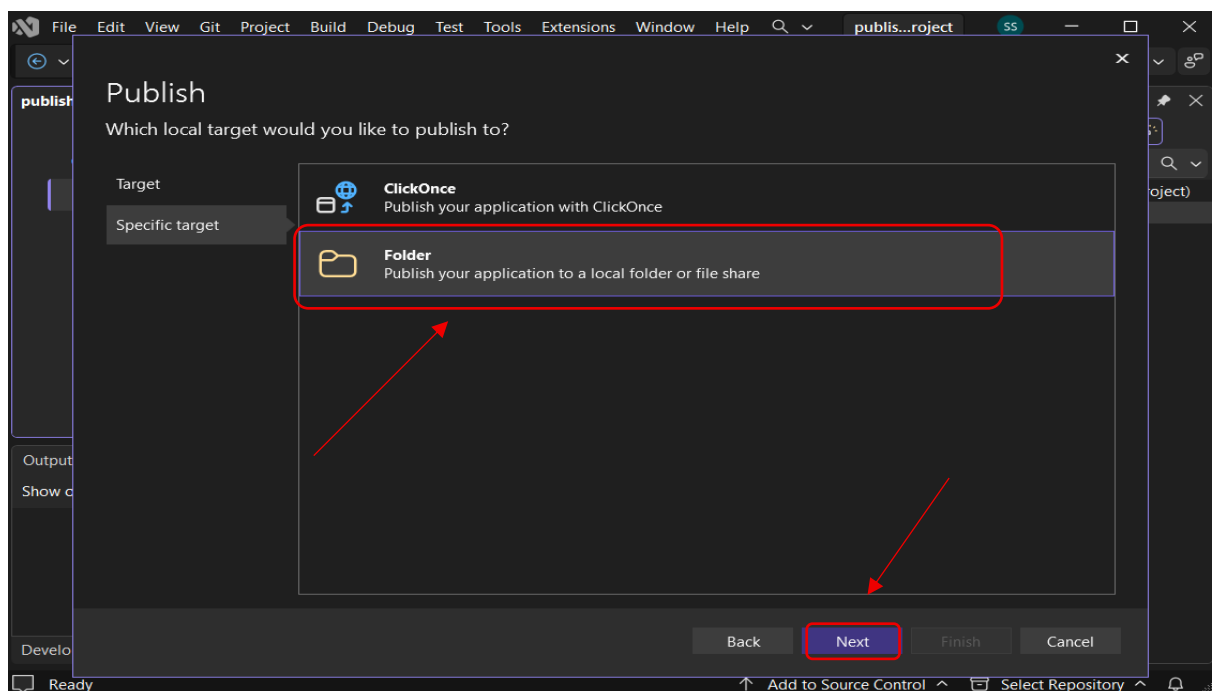
7. Publish:

After selecting Publish, we will get multiple options, but for now we will choose Folder and click NEXT.

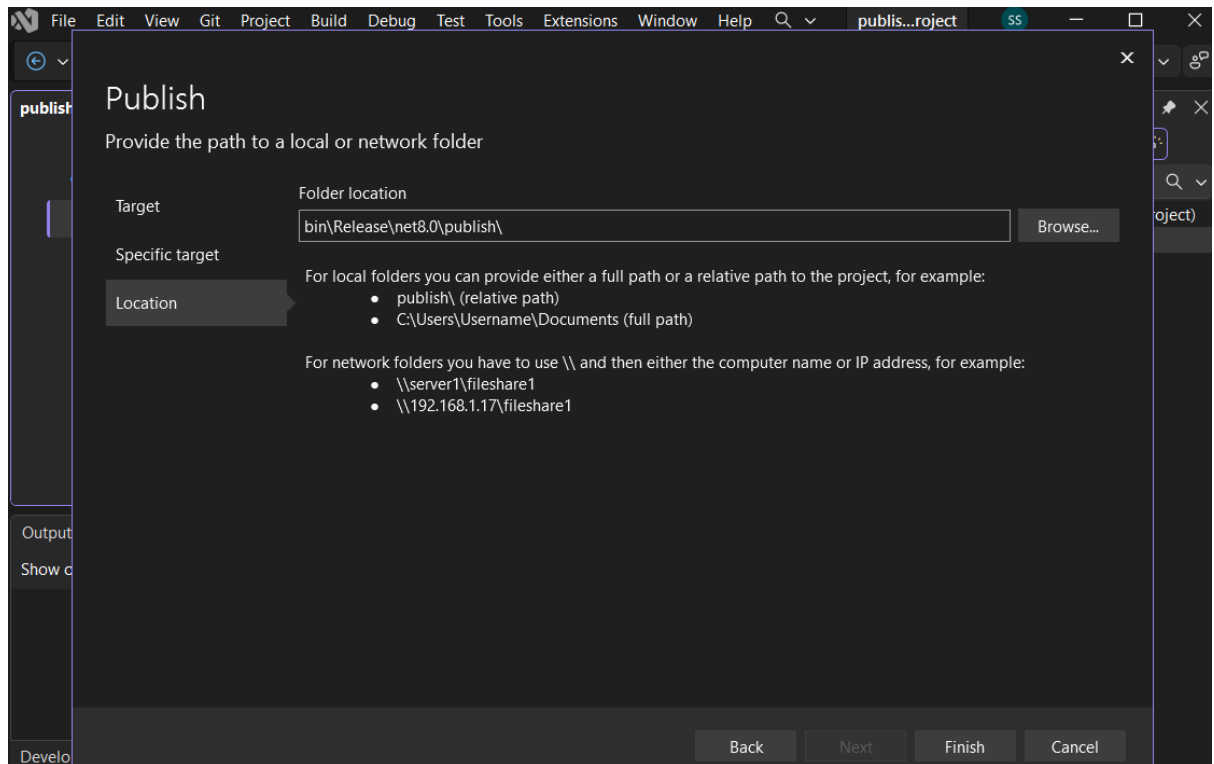


8. Publish:

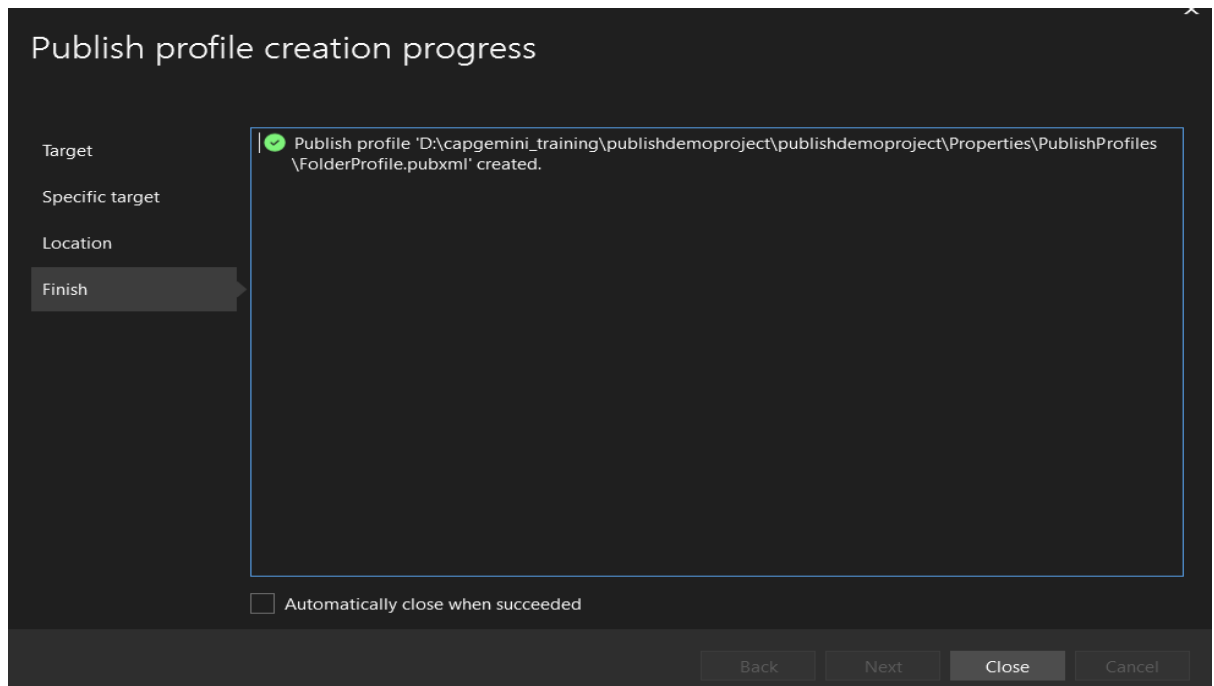
We have to choose the specific target. We will choose folder again and click NEXT.



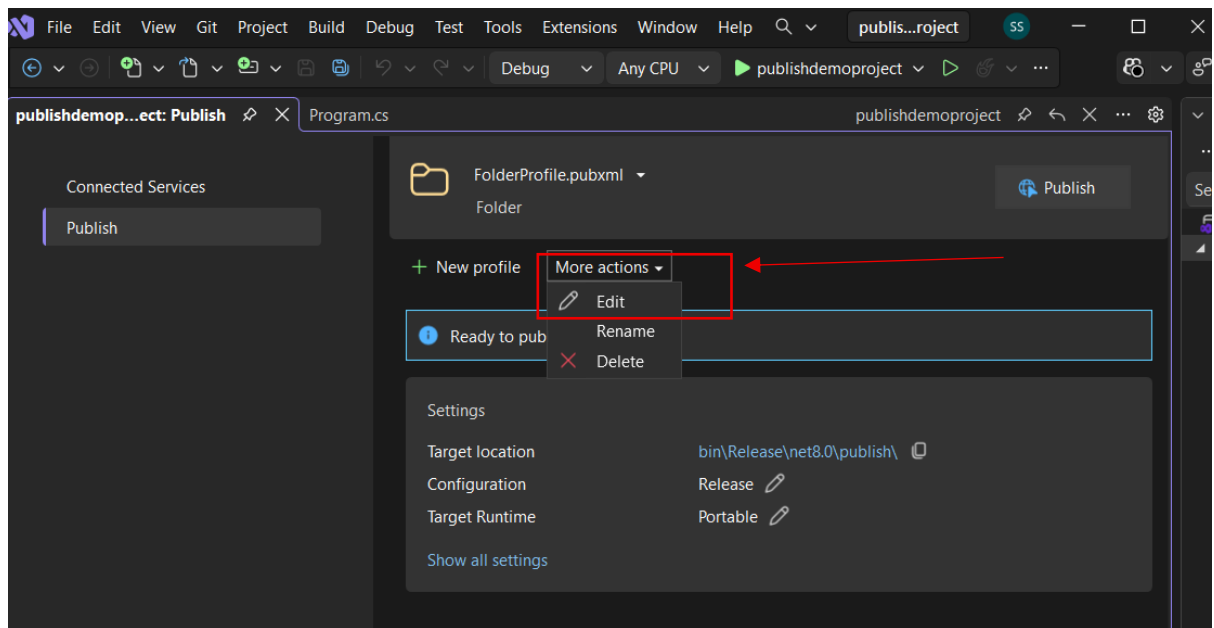
9. Choose the specific folder location that you want. And then press Finish.



10. You will get a window of publish profile creation progress. Close it using close button.



11. Click on the More Actions button. You will get an edit option. Select it.

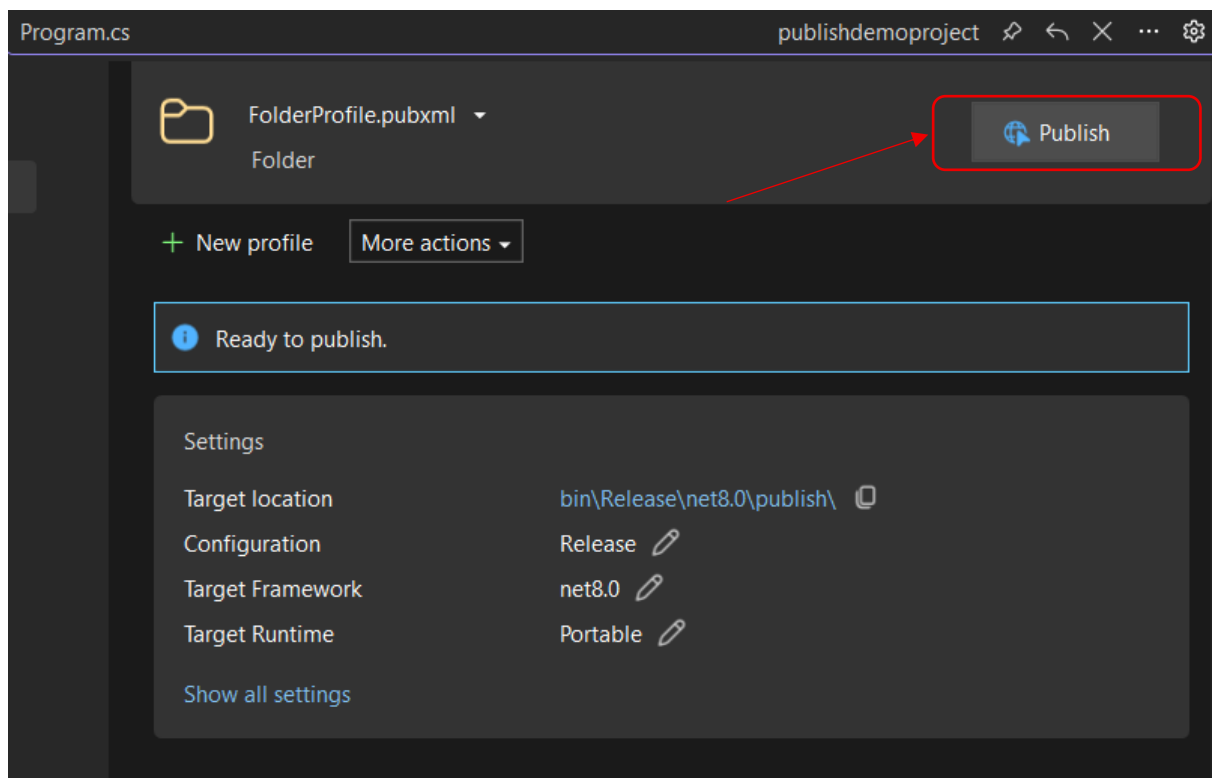


12. Profile settings:

Here you get multiple options like target framework, deployment mode, Target runtime. Click on save Button after choosing according to your needs.



13. Click on publish button.



14. You will get a window that it is successfully published.

