

Name: Lovely Sharma

UID: 22BCS11001

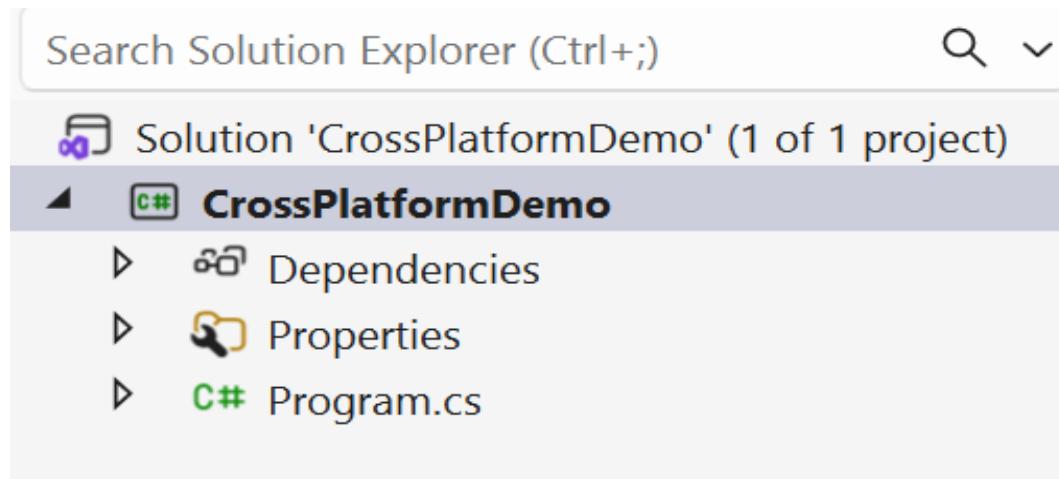
Batch: 4

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### ***Steps for publishing a project on local folder***

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1. Create a project on visual studio with any name like, CrossPlatformDemo.



2. Write the code in Program.cs file that you want to publish.

A screenshot of the Visual Studio Code editor. The title bar says "CrossPlatformDemo" and "CrossPlatformDemo.Program". The main area shows the "Program.cs" file with the following C# code:

```
1  using System.Runtime.InteropServices;
2
3  namespace CrossPlatformDemo
4  {
5      internal class Program
6      {
7          static void Main(string[] args)
8          {
9              Console.WriteLine("Cross-Platform .NET Application");
10             Console.WriteLine($"OS: {RuntimeInformation.OSDescription}");
11             Console.WriteLine($"Architecture: {RuntimeInformation.ProcessArchitecture}");
12         }
13     }
14 }
```

3. Now execute (debug) the code and check the output is coming or not.

A screenshot of the Microsoft Visual Studio Debug Console. The output window shows the following text:

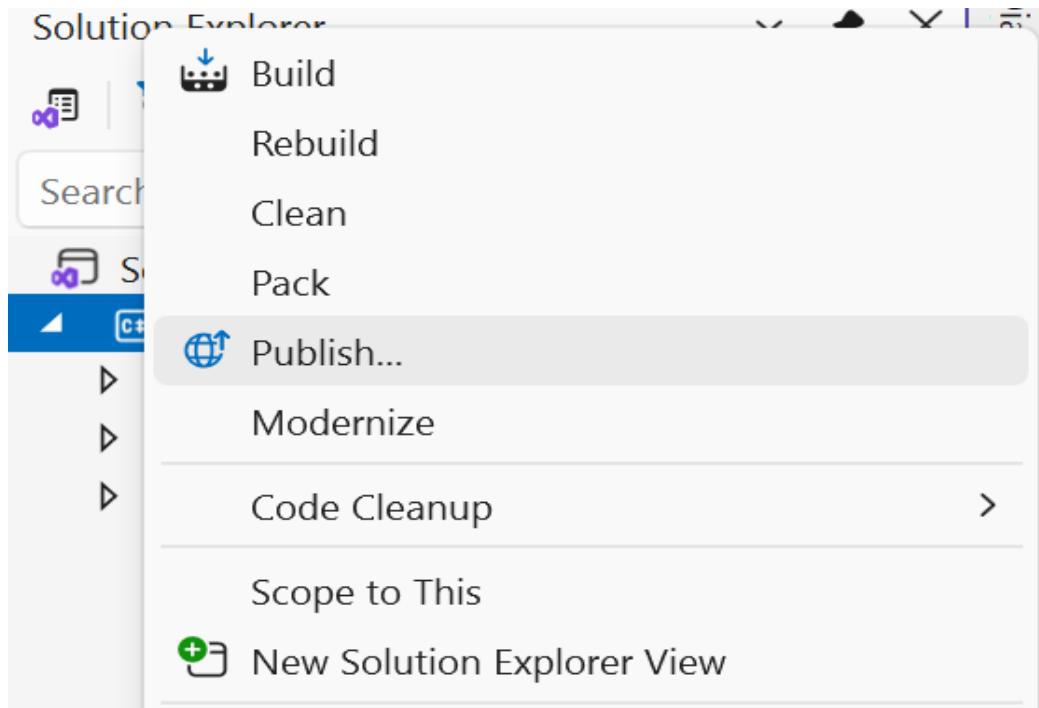
```
Cross-Platform .NET Application
OS: Microsoft Windows 10.0.19045
Architecture: X64
```

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4. Right click on project and click publish.



5. Select Folder and then click on next.

Publish

Where are you publishing today?

A screenshot of the 'Publish' dialog box. At the top, there is a 'Target' dropdown menu with several options: 'Azure', 'ClickOnce', 'Docker Container Registry', 'Folder', and 'Import Profile'. The 'Folder' option is currently selected, indicated by a blue border around its icon and text. Below the target dropdown, there is descriptive text for each target type. At the bottom of the dialog, there are four buttons: 'Back', 'Next', 'Finish', and 'Cancel'.

Target

Azure  
Host your application to the Microsoft cloud

ClickOnce  
Publish your application with ClickOnce

Docker Container Registry  
Publish your application to any supported Container Registry that works with Docker images

Folder  
Publish your application to a local folder or file share

Import Profile  
Import your publish settings to deploy your app

Back Next Finish Cancel

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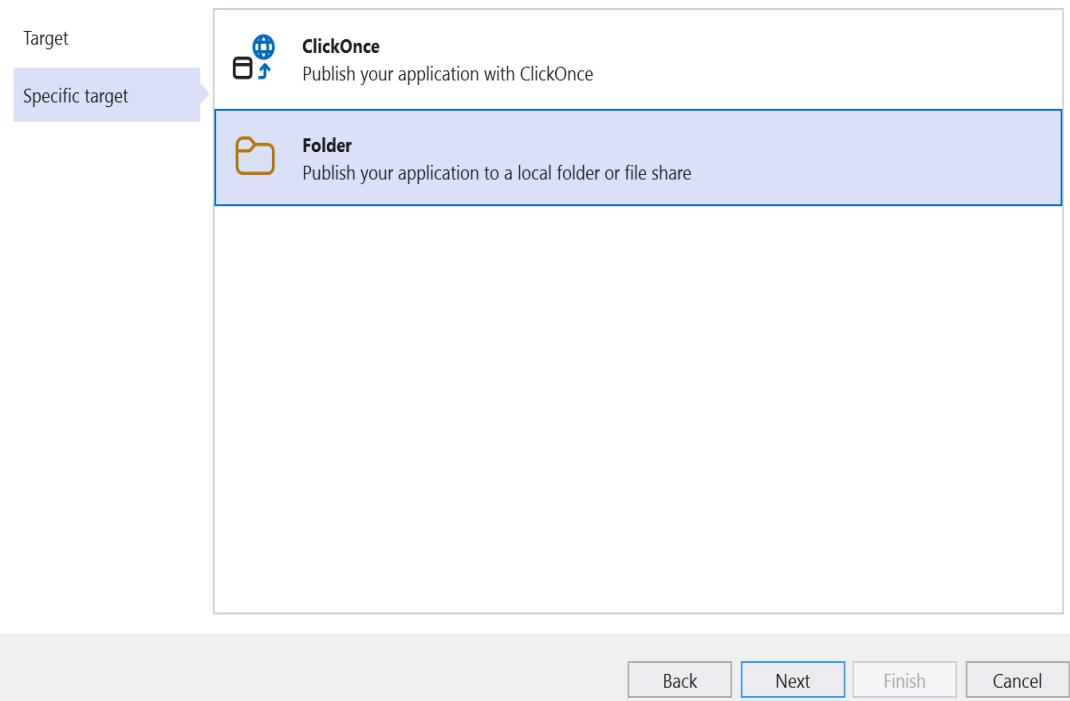
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**6. Again select folder and click on next.**

## Publish

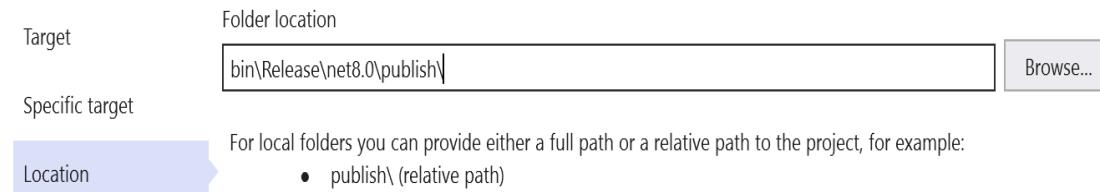
Which local target would you like to publish to?



**7. Check folder location and click on Finish.**

## Publish

Provide the path to a local or network folder

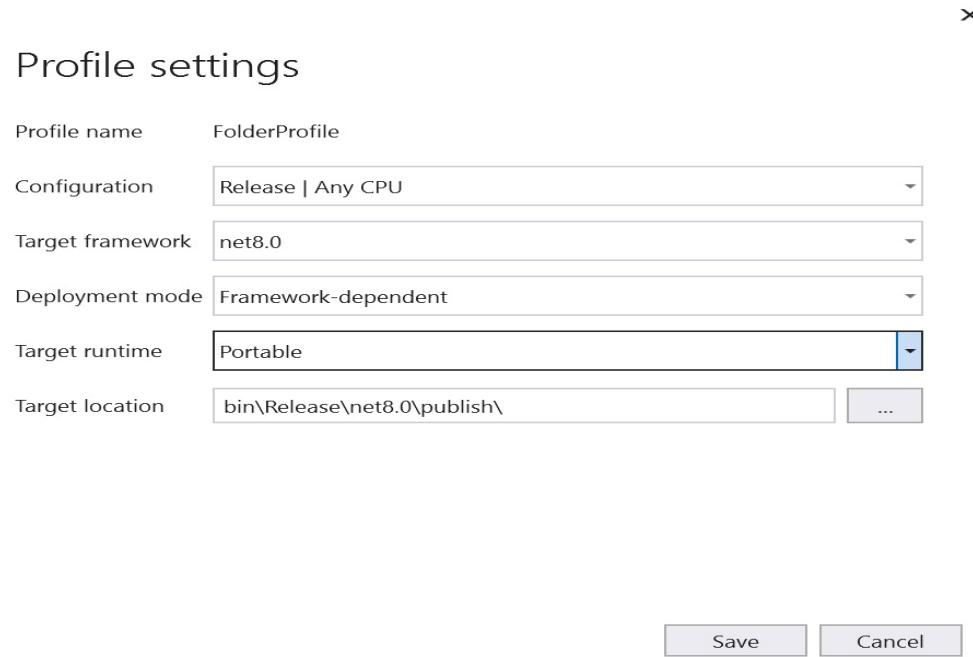


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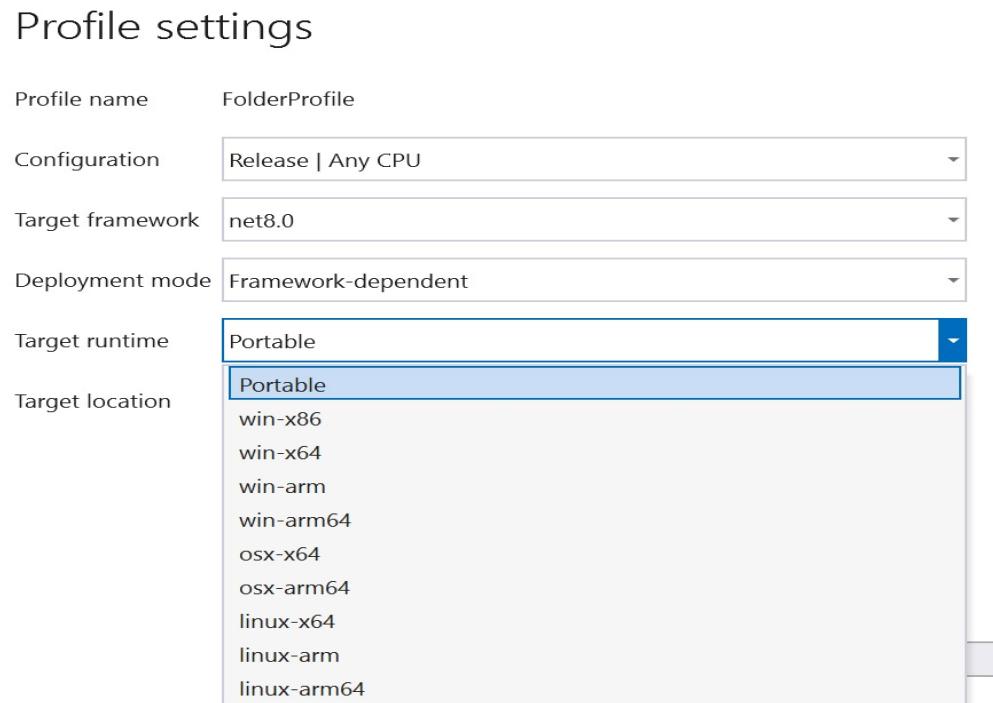
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**8. Now edit the desired setting before publishing the project.**



**9. Confirm the target runtime that you are aiming for.**

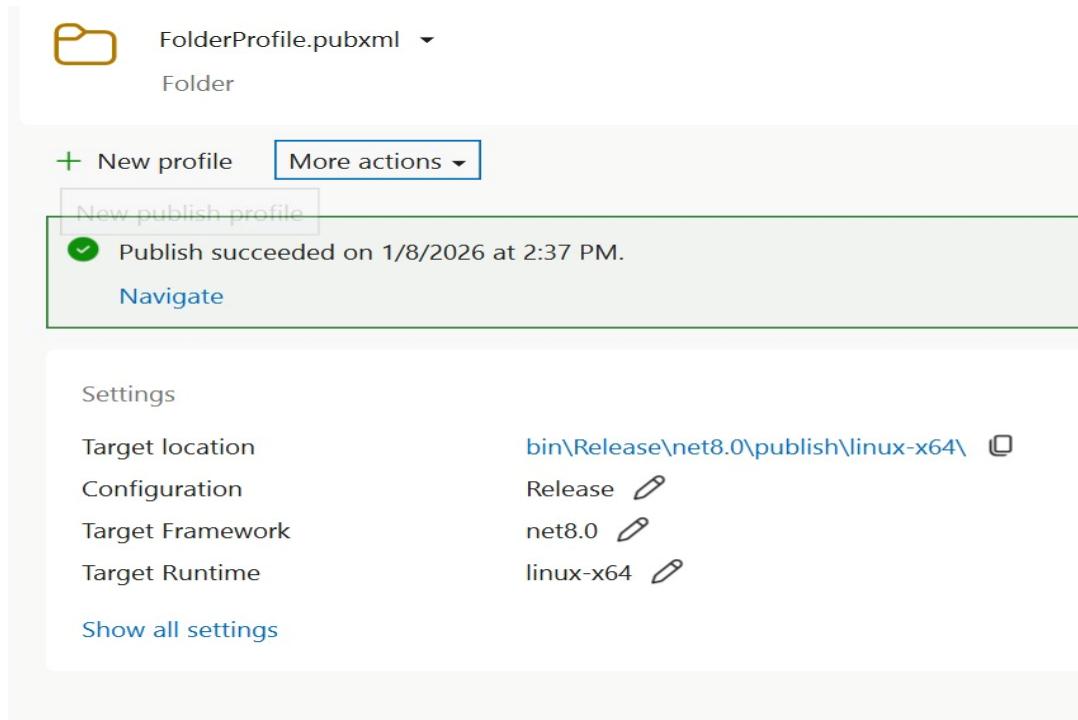


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**10. Save and click on “Publish”.**



**11. You can check the location where the project has been published by clicking on this.**

Target location      [bin\Release\net8.0\publish\linux-x64\](#)