



Cloning the Repository as Another User

1. In this lab we will clone the repository as another user, but first, we need to add a user to our organization.
2. Within the organization go to People and choose to invite members.

The screenshot shows the GitHub 'People' page for the organization 'DevOps10-03'. On the left, there's a sidebar with 'Organization permissions' and a list of member categories: Members (1), Outside collaborators, Pending collaborators, Invitations, Failed invitations, and Security Managers. The main area shows a search bar 'Find a member...', an 'Export' button, and a green 'Invite member' button. A message box says: 'You are the only owner of this organization! We recommend a minimum of two people within each organization have the owner role.' Below this, there's a table for 'Members' with one row for 'Pulkit Kumar' (Profile picture, Username: Pulkit-Kumar-0, 2FA, Private, Owner, 0 teams, 0 roles). At the bottom, there's a footer with copyright information and links to Terms, Privacy, Security, Status, Docs, Contact, Manage cookies, and Do not share my personal information.

3. So, I have a dummy account and I am going to use that for this lab. If you don't have a dummy account then you have to create a new account.
4. Here you can see that when we search for the user by its username you can see that we can invite this user. Click on Invite.



Invite a member to DevOps10-03

Search by username, full name or email address

demoUser10-3

Invite

[Invite a billing manager](#)

Authenticate members with [SAML single sign-on](#)

[Start free for 30 days](#)

Try it in a 30-day trial of GitHub Enterprise.

5. Then how do we want this user as a member or owner? We will choose a member here and click on Send Invite.

Invite demoUser10-3 to DevOps10-03

Give them an appropriate role in the organization and add them to some teams to give access to repositories.

Role in the organization

Member

Members can see all other members, and can be granted access to repositories. They can also create new teams and repositories.

Owner

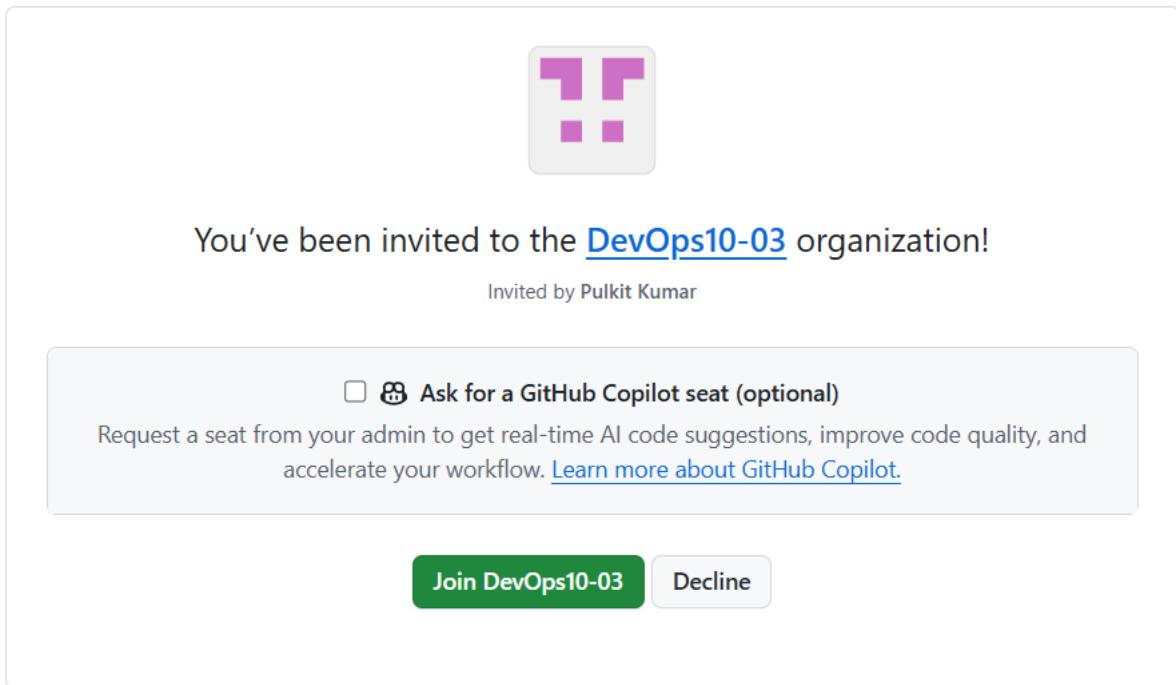
Owners have full administrative rights to the organization and have complete access to all repositories and teams.

[Send invitation](#)

6. In the demo user GitHub account if I open the Organizations tab, I can see an Invite here. The invitation will expire in 7 days. Click on Accept.

The screenshot shows the GitHub profile page for 'demoUser10-3 (demoUser10-3)'. The left sidebar has sections for Public profile, Account, Appearance, Accessibility, Notifications, Access (Billing & Licensing, Emails, Password and authentication, Sessions, SSH and GPG keys), Organizations (selected), Enterprises, and Moderation. The main area shows the 'Organizations' tab with a list containing 'DevOps10-03' (Member). A message says 'Invitation expires in 7 days' with 'Accept' and 'Decline' buttons. Below this is a 'Transform account' section with a button 'Turn demoUser10-3 into an organization'.

7. After that click on Join and you will be able to see the repositories inside the organization.



A screenshot of the GitHub organization page for "DevOps10-03". The header shows the organization's logo and name. The navigation bar includes links for Overview, Repositories (1), Projects, Packages, Teams, and People (2). A search bar and various management icons are also present. A message at the top states "You are now a member of DevOps10-03!". The main content area displays the organization's repository "WebApplication1" (Public, updated 21 minutes ago) and its details. It also shows a "Follow" button, a "View as: Public" dropdown, and sections for People and Top languages (HTML).

8. You can see two members in your organization now.

The screenshot shows the GitHub organization settings page for 'DevOps10-03'. The left sidebar has 'Organization permissions' selected, showing 'Members' (2). The main area lists two members: 'demoUser10-3' and 'Pulkit Kumar'. A message at the top says, 'You are the only owner of this organization! We recommend a minimum of two people within each organization have the owner role.' There are buttons for 'Export' and 'Invite member'.

9. Then open the settings of your organization and go to member privileges. You need to change the base permission to Write.

The screenshot shows the GitHub organization settings page for 'DevOps10-03'. The 'Settings' tab is selected. In the left sidebar, 'Member privileges' is selected. The 'Base permissions' section is highlighted with a red box and shows 'Write' as the permission level. Other sections like 'Repository creation' and 'Import/Export' are also visible.

10. Now we need to open the Visual Studio 2022 again and choose Clone a repository this time.

The screenshot shows the Visual Studio 2022 start screen. It features a 'Get started' section with four options: 'Clone a repository', 'Open a project or solution', 'Open a local folder', and 'Create a new project'. Below these is a link 'Continue without code →'.

11. Then we need to specify a location for our repository then click on GitHub to sign in with the demo user.

Clone a repository

Enter a Git repository URL

Repository location

`https://example.com/example.git <Required>`

Path

D:\demoUser



Browse a repository

Azure DevOps

GitHub

12. Then you need to sign in with your dummy GitHub account and choose the repository. Click on Clone.

Clone a repository

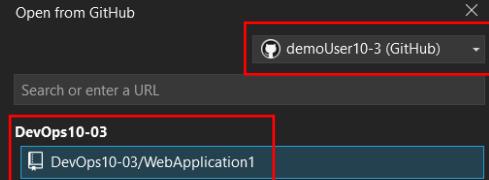
Enter a Git repository URL

Repository location

`https://example.com/example.git <Required>`

Path

D:\demoUser



Browse a repository

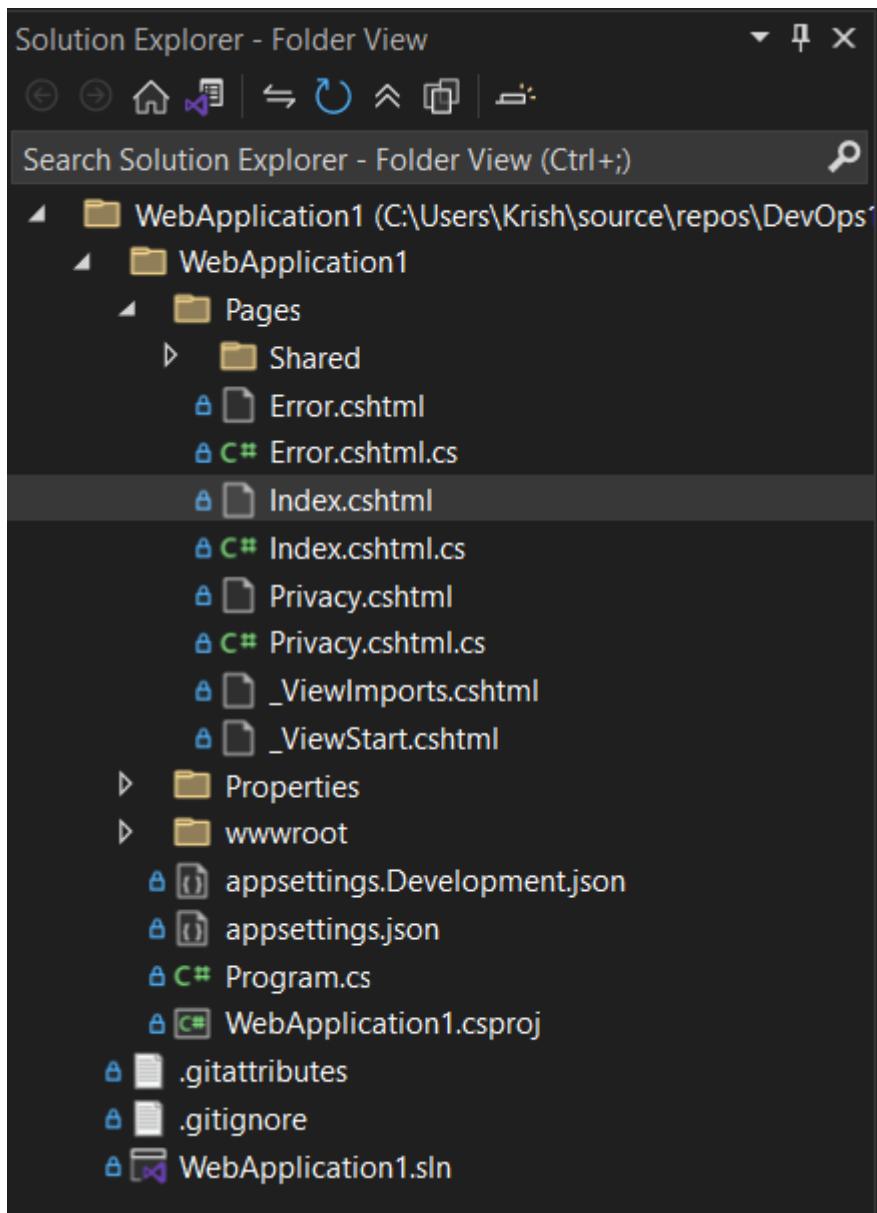
Azure DevOps

GitHub

Back

Clone

13. Once the repository is cloned you will be able to see that in your Visual Studio. Now we are going to make some changes to our index file, but currently, you can see that it is version 1 which we'd seen in the previous lab.



```
Index.cshtml □ X Index.cshtml.cs
1 @page
2 @model IndexModel
3 @{
4     ViewData["Title"] = "Home page";
5 }
6
7 <div class="text-center">
8     <h1 class="display-4">this is Version 1.0</h1>
9     <p>Learn about <a href="https://learn.microsoft.com/aspnet/core">building Web apps with ASP.NET Core</a>.</p>
10 </div>
11
```

14. Now you can see that we have made some changes and you can see that the lock symbol is changed with the tick mark. Now we need to commit these changes.

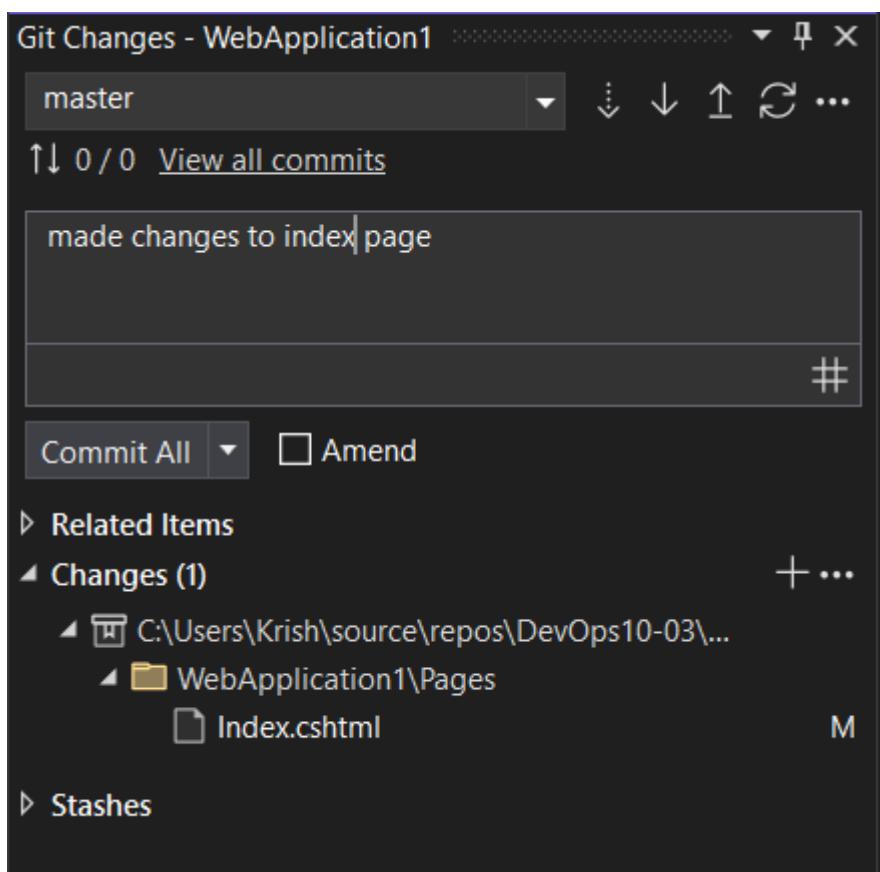
The screenshot shows the Visual Studio interface. In the center, there is an 'Index.cshtml' file editor window with the following code:

```
1  @page
2  @model IndexModel
3  @{
4      ViewData["Title"] = "Home page";
5  }
6
7  <div class="text-center">
8      <h1>this is new Version 2.0</h1>
9      <p>Learn about <a href="https://learn.microsoft.com/aspnet/core">building Web apps with ASP.NET Core</a>.</p>
10 </div>
```

To the right of the editor is the 'Solution Explorer' window, which displays the project structure:

- WebApplication1 (C:\Users\Krish\source\repos\DevOps10-03)
- WebApplication1\Pages
 - Shared
 - Error.cshtml
 - Index.cshtml (highlighted with a red box)
 - Privacy.cshtml
 - Privacy.cshtml.cs
 - _ViewImports.cshtml
 - _ViewStart.cshtml
- Properties
- wwwroot
 - appsettings.Development.json
 - appsettings.json
 - Program.cs
 - WebApplication1.csproj
 - .gitattributes
 - .gitignore
 - WebApplication1.sln

15. As we did in our previous lab from the view tab click on Git changes and then write a message for your commit then choose **commit and push all**.



16. You will see all the changes and commit over on your GitHub account.

The screenshot shows the GitHub repository page for 'WebApplication1'. At the top, it says 'master' (1 branch, 0 tags), 'Edit Pins', 'Watch 0', and 'Code'. Below is a commit history table:

	demoUser10-3 changed Index page	Sed9d4b · now	5 Commits
WebApplication1	changed Index page	now	
.gitattributes	Add .gitattributes and .gitignore.	1 hour ago	
.gitignore	Add .gitattributes and .gitignore.	1 hour ago	
WebApplication1.sln	Add project files.	1 hour ago	

17. You can see that this is version 2 for the web app. Click on history and you will see the commit history.

The screenshot shows the GitHub code view for 'Index.cshtml' in the 'WebApplication1' repository. It includes a navigation bar with 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. Below is the code editor with the 'History' button highlighted:

```

1  @page
2  @model IndexModel
3  @{
4      ViewData["Title"] = "Home page";
5  }
6
7  <div class="text-center">
8      <h1 class="display-4">this is new application Version 2.0</h1>
9      <p>Learn about <a href="https://learn.microsoft.com/aspnet/core">building Web apps with ASP.NET Core</a>.</p>
10 </div>

```

Commits

The screenshot shows the GitHub commit history for 'Index.cshtml' in the 'WebApplication1' repository. It includes filters for 'All users' and 'All time'. The commits listed are:

- changed Index page (demoUser10-3 committed in 2 hours)
- made changes to index page (demoUser10-3 committed in 2 hours)
- Changed the Index Page (Pulkit-Kumar-0 committed 1 hour ago)
- Add project files. (Pulkit-Kumar-0 committed 1 hour ago)