

Module 1: Introduction to Azure DevOps

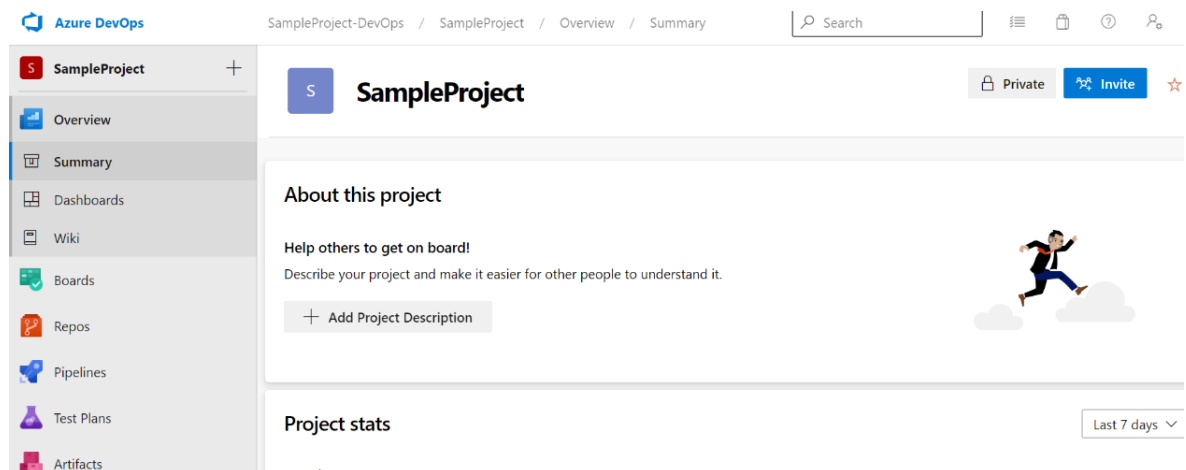
Demo - 3

Demo 3: Git Version Controlling

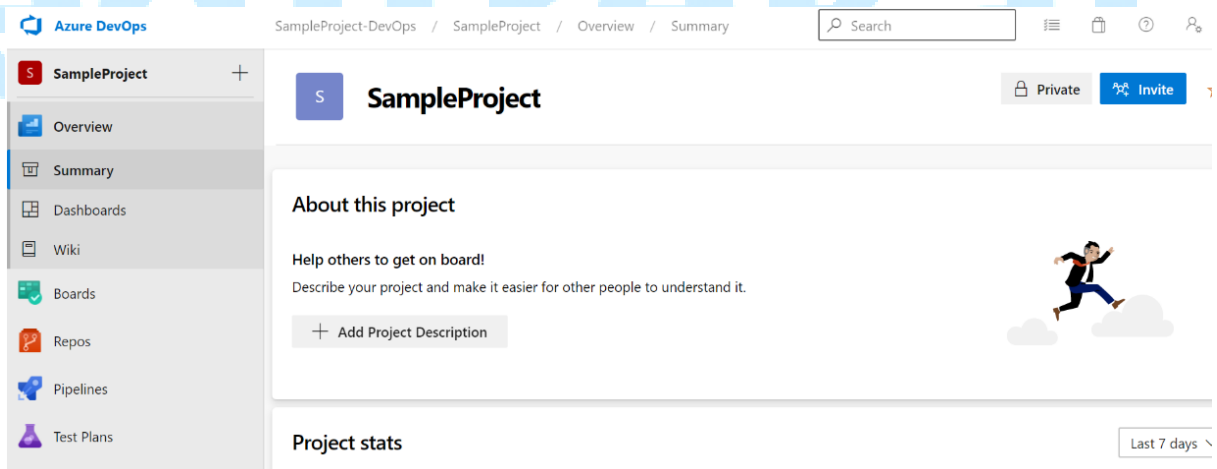
Solution:

Step1: Go to <https://dev.azure.com/> and login to your DevOps account.

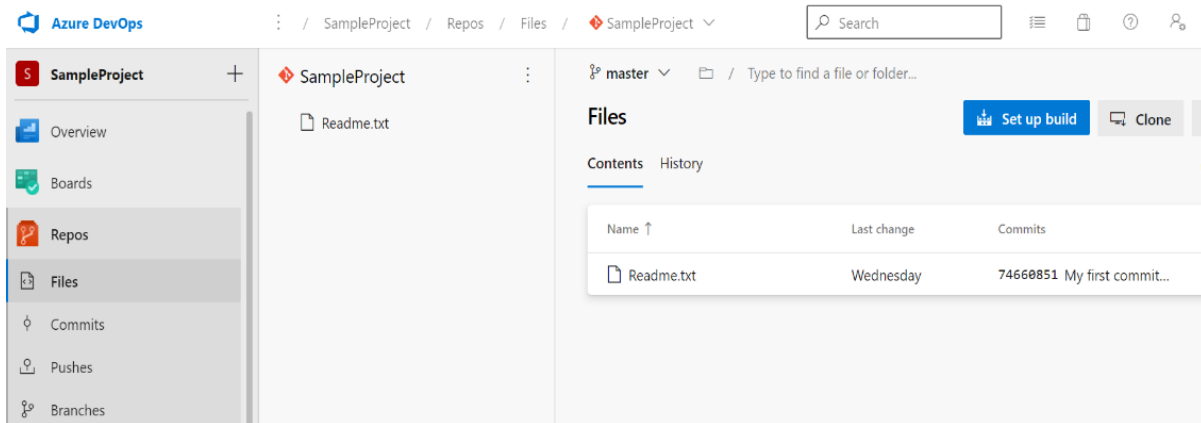
Step 2: Create a new project or open an existing project.



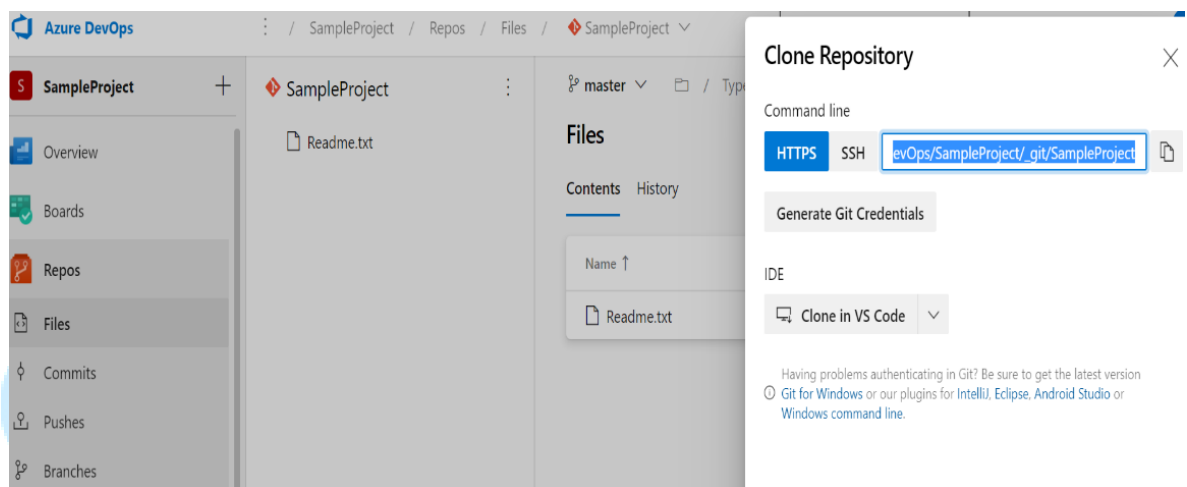
Step 3: Click on the Overview section on the left side. It will look like below.



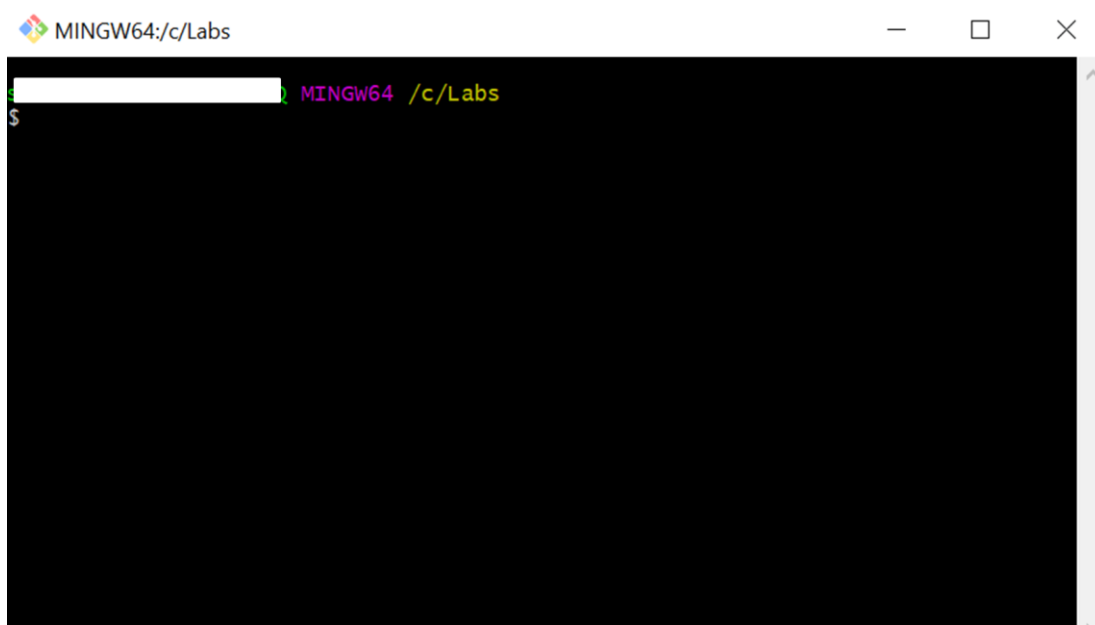
Step 4: Click on the Repo section -> Files.



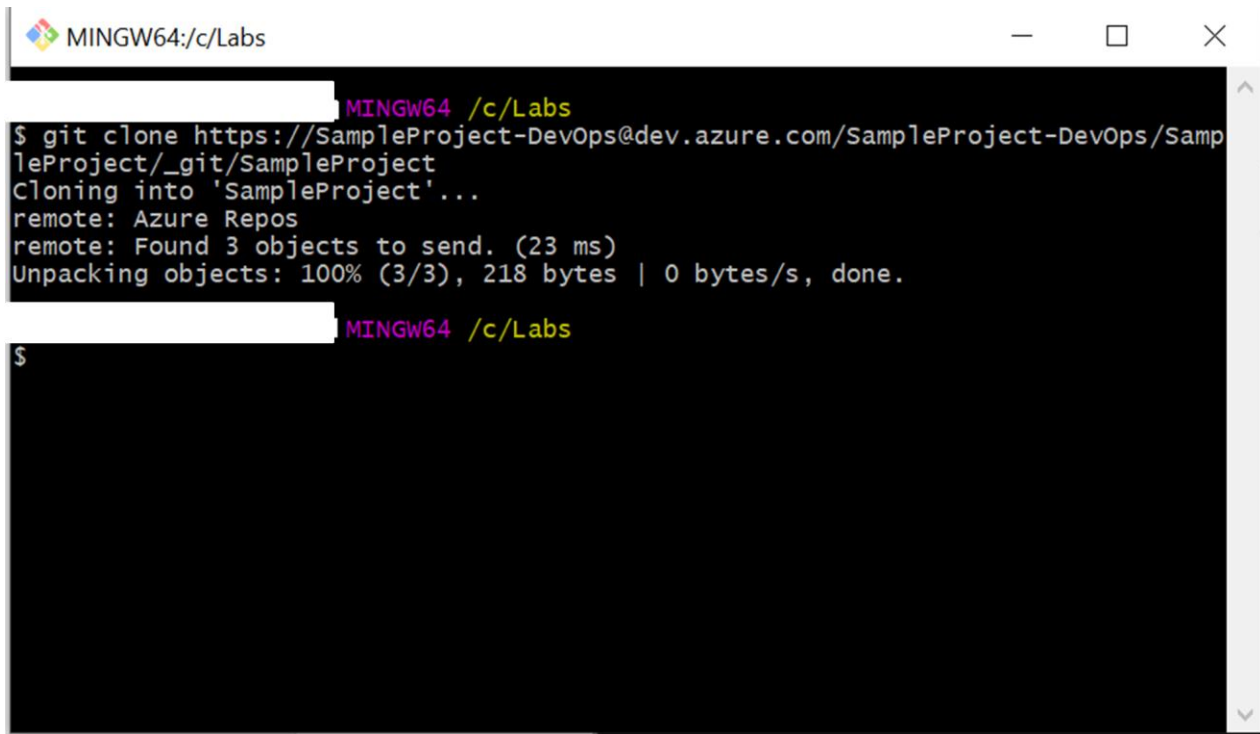
Step 5: Click on the Clone button and copy the highlighted text.



Step 6: Download the git client for the URL: <https://git-scm.com/downloads>. Install Git client in the local system and open it. Navigate to the folder where you want to download the project.



Step 7: Type the command: Git clone “Copied text”. The copied text is the text that we copied earlier. Executing the below command will download the project.



```
MINGW64:/c/Labs
$ git clone https://SampleProject-DevOps@dev.azure.com/SampleProject-DevOps/SampleProject/_git/SampleProject
Cloning into 'SampleProject'...
remote: Azure Repos
remote: Found 3 objects to send. (23 ms)
Unpacking objects: 100% (3/3), 218 bytes | 0 bytes/s, done.
MINGW64 /c/Labs
$
```

Step 8: Go to the downloaded folder and open Readme.txt or any of the files and makes changes. Change the directory to the downloaded folder in git client.



```
MINGW64 /c/Labs
$ cd SampleProject/
```

Step 9: Invoke the commands.

- a. git add .
- b. git commit -m "My first commit"
- c. git push

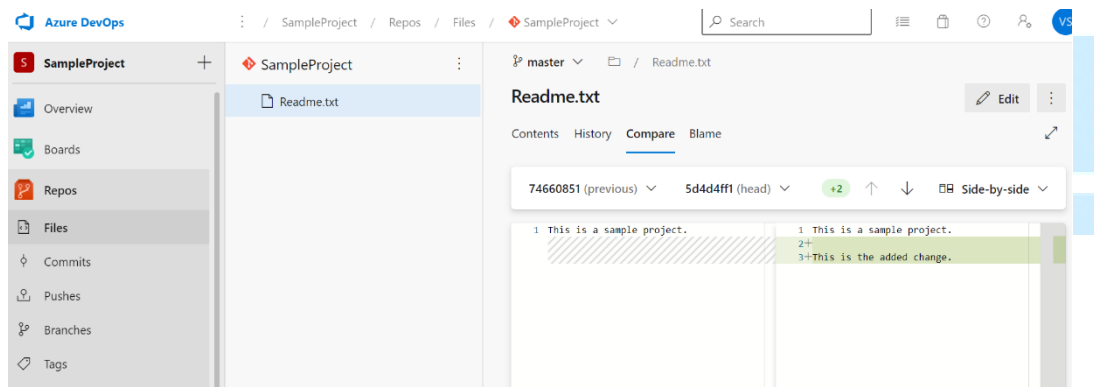
```
MINGW64 /c/Labs/SampleProject (master)
$ git add .

MINGW64 /c/Labs/SampleProject (master)
$ git commit -m "My first commit"
[master 5d4d4ff] My first commit
1 file changed, 3 insertions(+), 1 deletion(-)

MINGW64 /c/Labs/SampleProject (master)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 289 bytes | 289.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Analyzing objects... (3/3) (6 ms)
remote: Storing packfile... done (36 ms)
remote: Storing index... done (26 ms)
To https://dev.azure.com/SampleProject-DevOps/SampleProject/_git/SampleProject
7466085..5d4d4ff master -> master
```

The above commands will add the files to the repository.

Step 10: Go to the project in the portal. The changed file and historical comparison can be seen as shown below. The changed content is highlighted below.



edureka!

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