

Report

Step 1: Installed Git on Windows

I downloaded Git from the official website [Git Download](#).

I ran the installer and followed the default installation steps. During the setup, I made sure Git was added to the system PATH.

After the installation was complete, I opened Command Prompt and verified that Git was successfully installed by running `git --version`, which displayed the Git version.

Step 2: Set Up Git Configuration

I opened the Command Prompt and configured Git with my username and email by entering the following commands:

```
git config --global user.name "Abegia Bekele"
```

```
git config --global user.email "abegiabekele@gmail.com"
```

I confirmed that the configuration was applied correctly by running:

```
git config --global user.name (which returned my username).
```

```
git config --global user.email (which returned my email address).
```

Step 3: Installed Git Credential Manager.

Step 4: Cloned the Repository from GitHub

I visited my GitHub repository [AbegiaBekele/ASDT_1](#) and copied the HTTPS URL for the repository.

In Command Prompt, I navigated to the directory where I wanted to clone the repository using `cd path/to/directory`.

I cloned the repository using the command:

```
git clone https://github.com/AbegiaBekele/ASDT\_1
```

```
Command Prompt
info: please complete authentication in your browser...
remote: Repository not found.
fatal: repository 'https://github.com/AbegiaBekele/ASDT_1.git/' not found

C:\Users\tadel>git clone https://github.com/AbegiaBekele/ASDT1.git
Cloning into 'ASDT1'...
info: please complete authentication in your browser...
remote: Repository not found.
fatal: repository 'https://github.com/AbegiaBekele/ASDT1.git/' not found

C:\Users\tadel>git clone https://github.com/AbegiaBekele/ASDT_1
Cloning into 'ASDT_1'...
info: please complete authentication in your browser...
remote: Repository not found.
fatal: repository 'https://github.com/AbegiaBekele/ASDT_1/' not found

C:\Users\tadel>git --version
git version 2.47.1.windows.1

C:\Users\tadel>git config --global user.name "abegiabekele"

C:\Users\tadel>git config --global user.email "abegiabekele@gmail.com"

C:\Users\tadel>git clone https://github.com/AbegiaBekele/ASDT_1
Cloning into 'ASDT_1'...
info: please complete authentication in your browser...
remote: Repository not found.
fatal: repository 'https://github.com/AbegiaBekele/ASDT_1/' not found

C:\Users\tadel>

C:\Users\tadel>git credential-cache exit

C:\Users\tadel>git clone https://github.com/AbegiaBekele/ASDT_1
Cloning into 'ASDT_1'...
remote: Enumerating objects: 13, done.
remote: Counting objects: 100% (13/13), done.
remote: Compressing objects: 100% (11/11), done.
remote: Total 13 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (13/13), 176.89 KiB | 777.00 KiB/s, done.

C:\Users\tadel>

C:\Users\tadel>
```

After cloning, I navigated into the repository folder by typing:

```
cd ASDT_1
```

Step 5: Created a New Branch

To create a new branch called feature/about_me_2, I ran the following command:

```
git checkout -b feature/about_me_2
```

I verified the branch creation by typing:

```
git branch
```

The output showed that I was now on the feature/about_me_2 branch.

Step 6: Modified the README.md File

I opened the README.md file using my text editor.

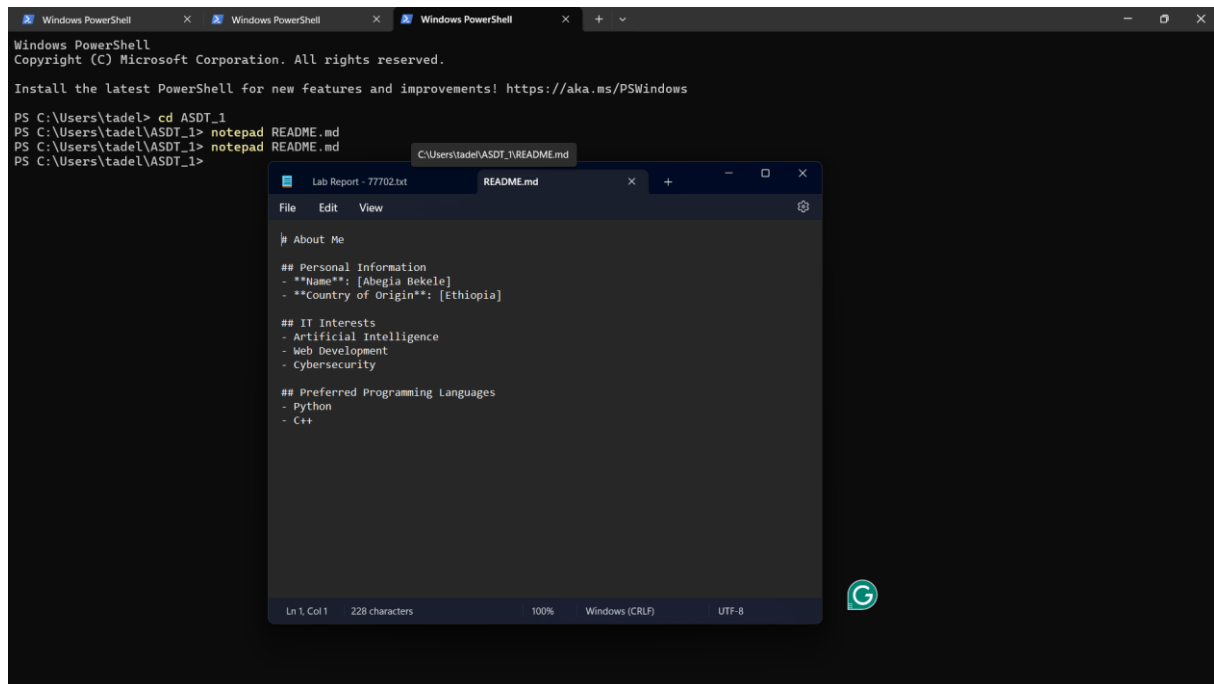
In the file, I added the following personal information:

Name: Abegia Bekele

Country of Origin: Ethiopia

IT Interests: Data Science, Software Development

After making the changes, I saved the file.



```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\tadel> cd ASDT_1
PS C:\Users\tadel\ASDT_1> notepad README.md
PS C:\Users\tadel\ASDT_1> notepad README.md
PS C:\Users\tadel\ASDT_1>
```

```
# About Me

## Personal Information
- **Name**: [Abegia Bekele]
- **Country of Origin**: [Ethiopia]

## IT Interests
- Artificial Intelligence
- Web Development
- Cybersecurity

## Preferred Programming Languages
- Python
- C++
```

Step 7: Staged, Committed, and Pushed the Changes

I added the modified README.md file to the staging area with the command:

```
git add README.md
```

I committed the changes with a message:

```
git commit -m "Added personal information to README.md"
```

I then pushed the changes to the remote repository on GitHub by typing:

```
git push origin feature/about_me_2
```

Git prompted me for authentication, and I entered my GitHub credentials, which were saved by Git Credential Manager.

Step 8: Created a Pull Request

I opened my GitHub repository in a browser and went to the "Pull Requests" tab.

I clicked "New Pull Request" and selected main as the base branch and feature/about_me_2 as the compare branch.

After reviewing the changes, I added a title and description to the pull request, explaining that I added my personal information to the README.md file.

I created the pull request by clicking "Create Pull Request".

Step 9: Merged the Pull Request

I reviewed the pull request and confirmed the changes were correct.

I clicked "Merge Pull Request" to merge the changes into the main branch.

I also deleted the feature/about_me_2 branch from GitHub, as the changes had already been merged into the main branch.

This exercise helped me learn the fundamental Git workflow, including cloning a repository, working with branches, making changes, and using GitHub for collaboration.