

# GIT in Visual Studio Code

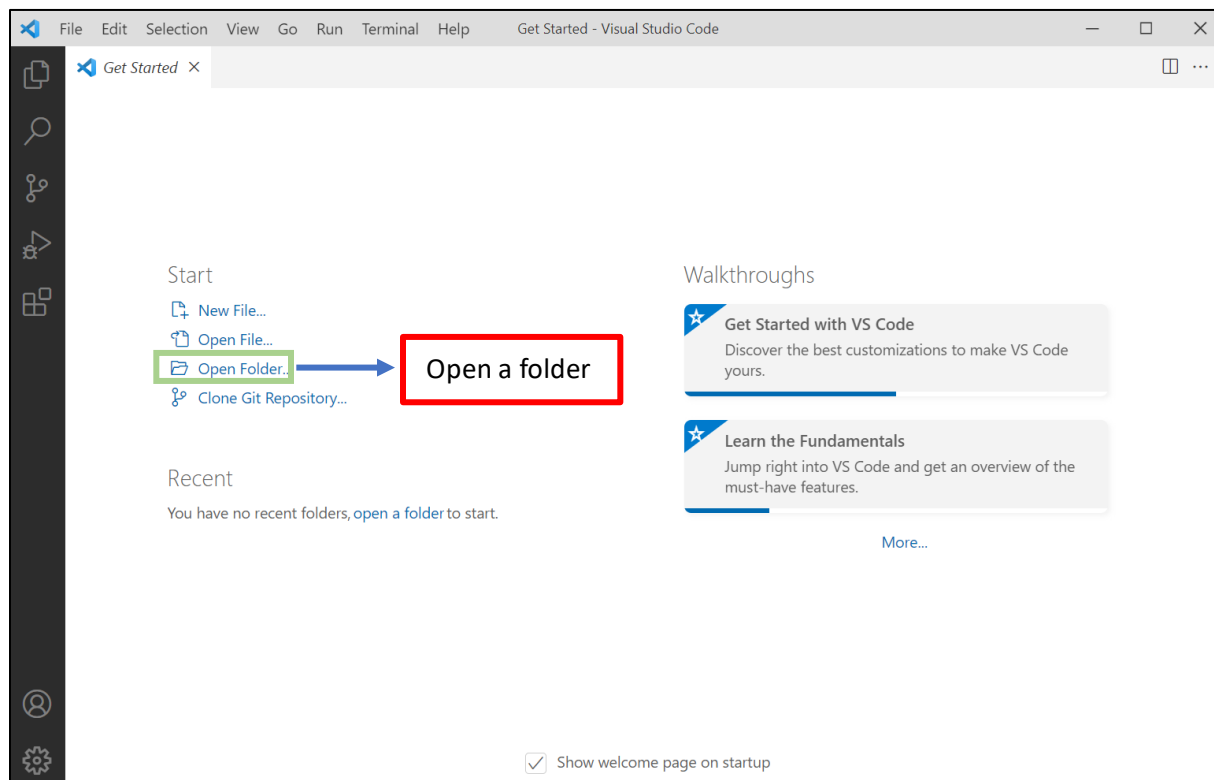
## Visual Code Installation

**Step1:** To download Visual Studio Code go to the below-mentioned link

<https://code.visualstudio.com/download>

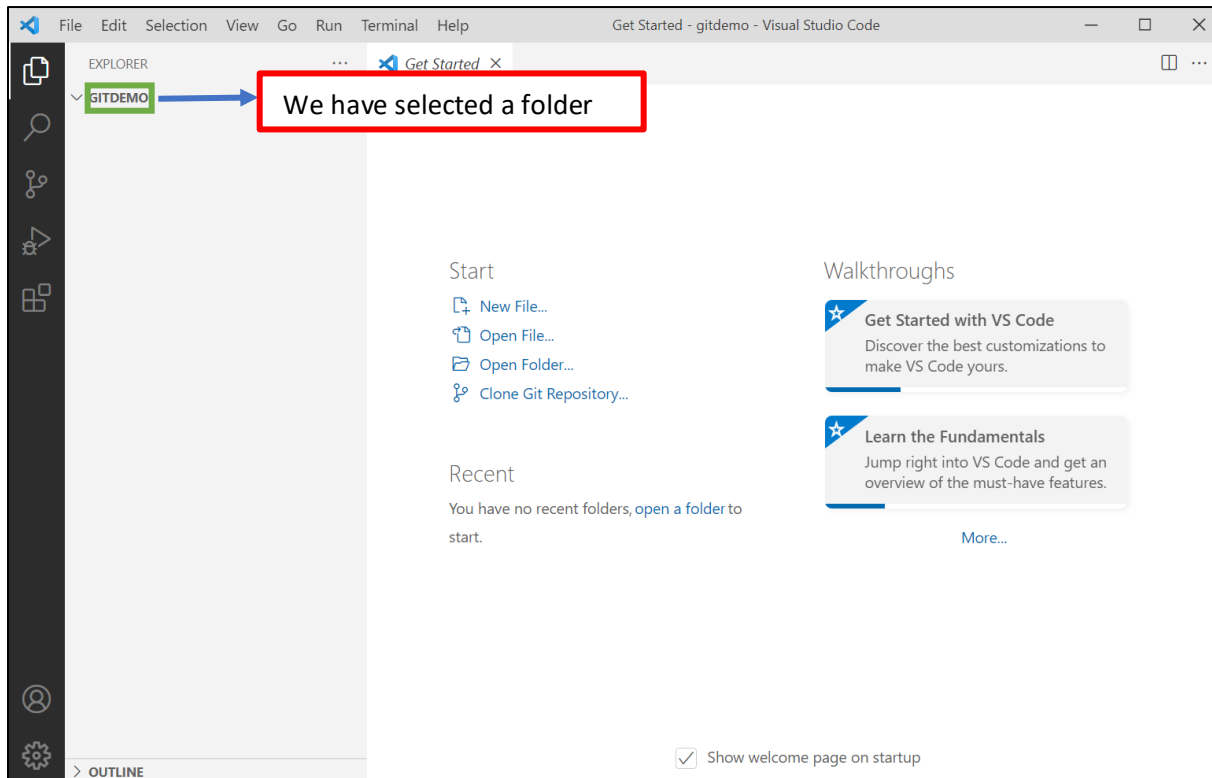
**Step2:** Select Visual Code for Windows/Mac to download and Install Vs Code.

Select the open folder option to open a folder in which we need to work.

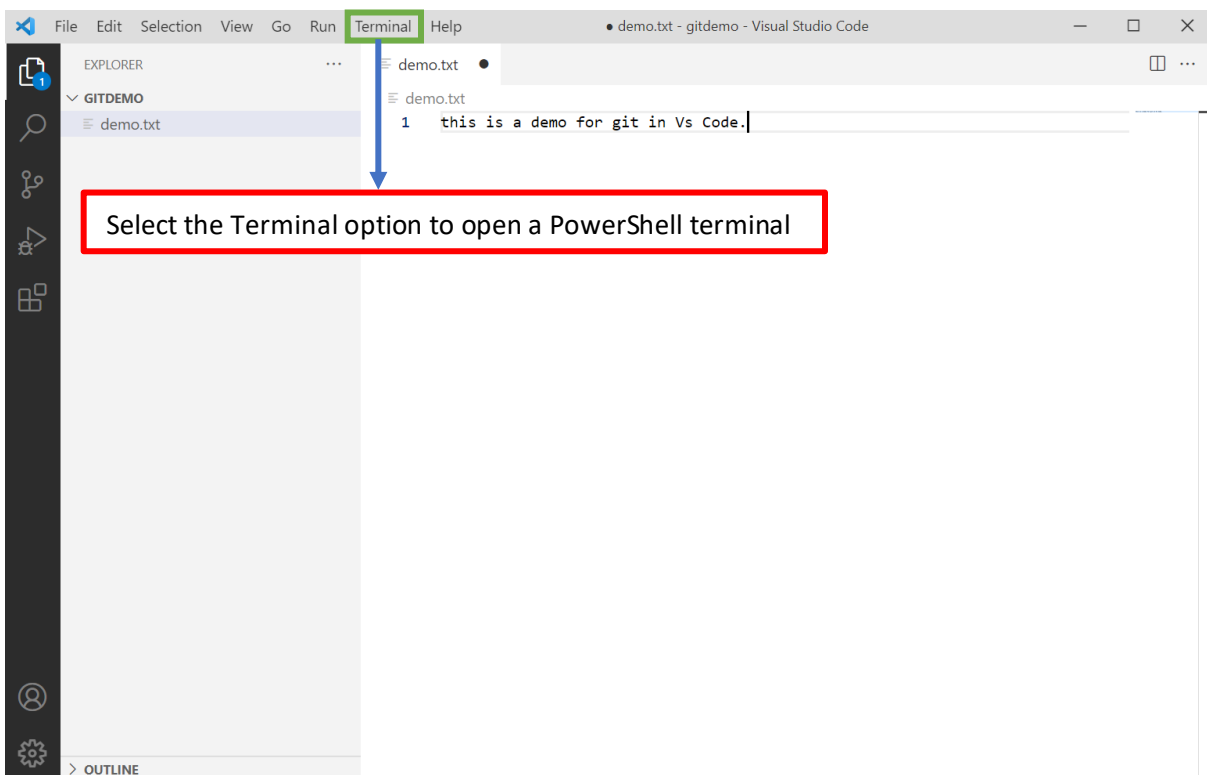


**Step3:** Once we open a folder, we can see the name of the folder on the left side.

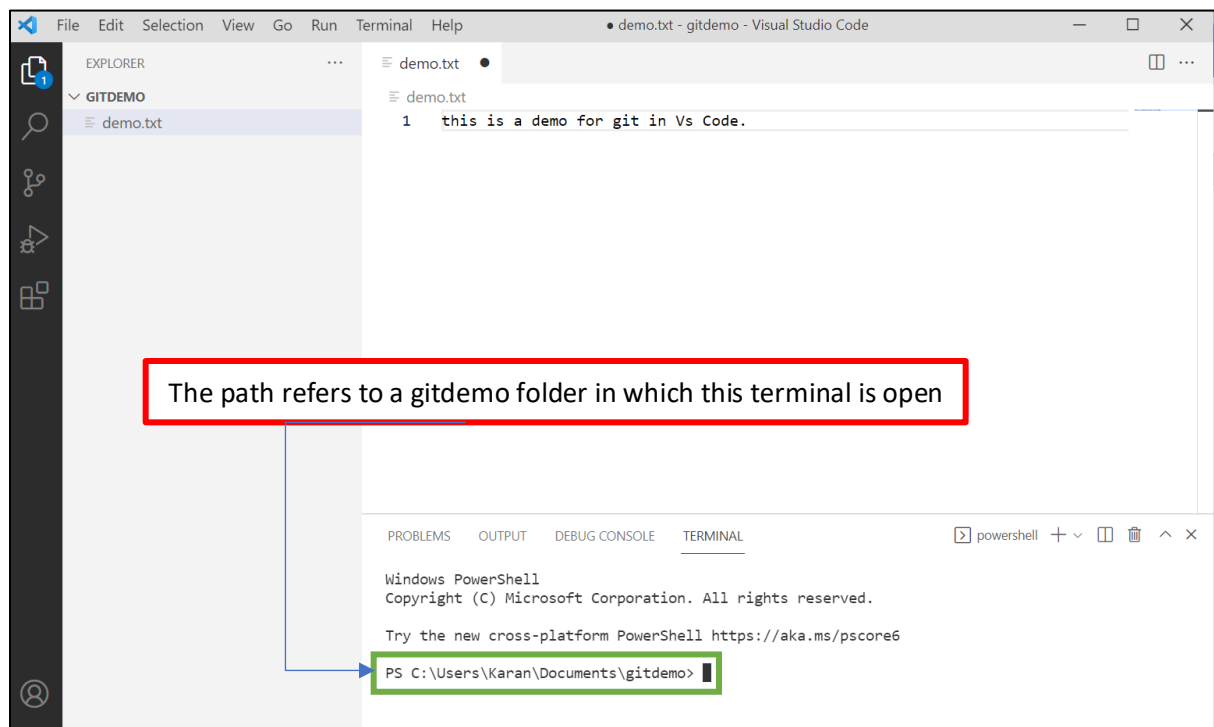
**Step4:** We can create a new file or open an existing one.



**Step5:** Select the terminal option to open a PowerShell terminal.



The path highlighted in the below image refers to the directory in which we need to work.



## Common git commands

**git init** : this command will initialise the working directory into a git working directory.



**git add demo.txt** : this command will stage the file demo.txt

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
PS C:\Users\Karan\Documents\gitdemo> git add .\demo.txt
PS C:\Users\Karan\Documents\gitdemo> █
```

Note: before making a commit, we need to configure the user detail.

**git config --global user.email "user\_email"** : this command will configure the email address of the user.

**git config --global user.name "demo\_user"** : this command will configure the username.

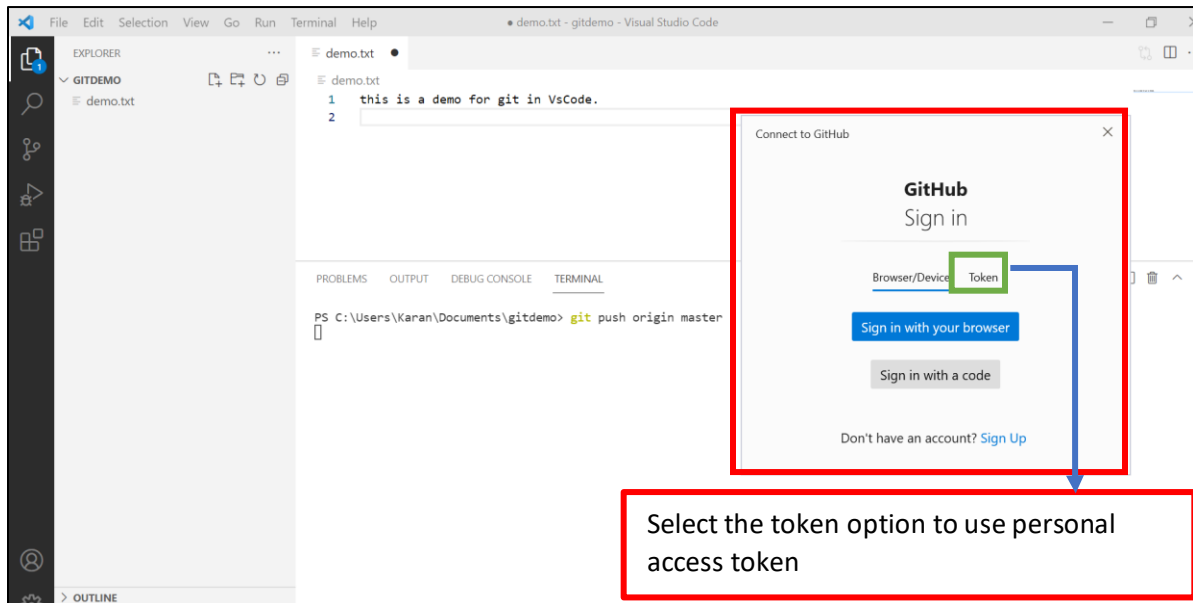
**git commit -m "message"** : this command will commit the staged files or folders to local repository.

```
PS C:\Users\Karan\Documents\gitdemo> git config --global user.email "trainingintellipa123@gmail.com"
PS C:\Users\Karan\Documents\gitdemo> git config --global user.name "demo_user"
PS C:\Users\Karan\Documents\gitdemo> git commit -m "message"
[master (root-commit) c1c3692] message
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 demo.txt
PS C:\Users\Karan\Documents\gitdemo> █
```

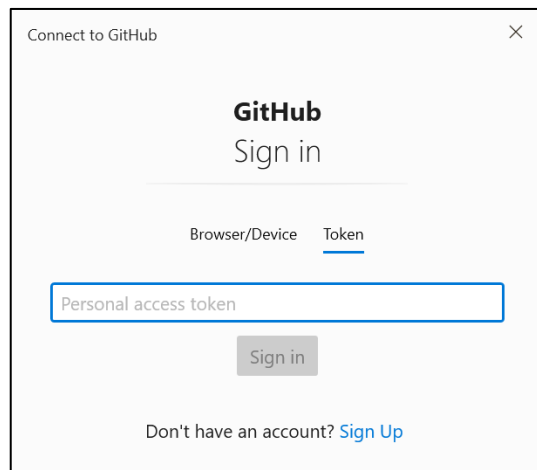
**git remote add origin <URL of git repository>** : This command will link the remote repository to the directory.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
PS C:\Users\Karan\Documents\gitdemo> git remote add origin https://github.com/devopsintellipa
at/vscode_demo.git
PS C:\Users\Karan\Documents\gitdemo> █
```

**git push origin master** : this command will push the files in the local repository to remote repository.



Note: we need to enter the token to push to remote repo.



The files have been pushed to remote repository.

