

p1.GIT-HOL

Step 1: Setup your machine with Git Configuration

```
siva4@Siva177 MINGW64 ~ (main)
$ git version
git version 2.47.1.windows.1

siva4@Siva177 MINGW64 ~ (main)
$ git config --global user.name "Sivasundar M"

siva4@Siva177 MINGW64 ~ (main)
$ git config --global user.email "siva401070@gmail.com"

siva4@Siva177 MINGW64 ~ (main)
$ git config --global --list
user.name=Sivasundar M
user.email=siva401070@gmail.com
```

Step 2: Integrate notepad++.exe to Git and make it a default editor

```
Microsoft Windows [Version 10.0.26100.4770]
(c) Microsoft Corporation. All rights reserved.

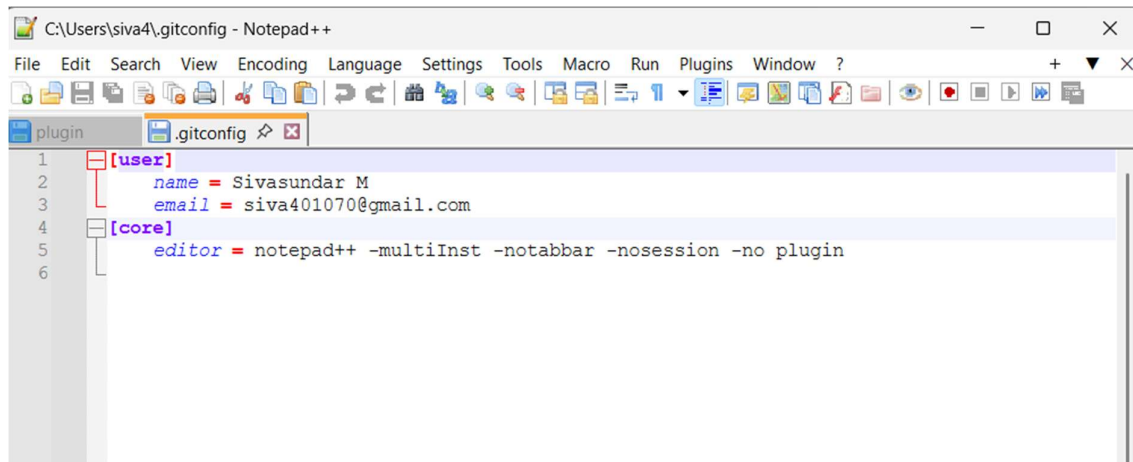
C:\Users\siva4>notepad++

C:\Users\siva4>git config --global core.editor "notepad++ -multiInst -notabb
ar -nosession -no plugin"

C:\Users\siva4>git config --global core.editor
notepad++ -multiInst -notabbar -nosession -no plugin

C:\Users\siva4>git config --global --list
user.name=Sivasundar M
user.email=siva401070@gmail.com
core.editor=notepad++ -multiInst -notabbar -nosession -no plugin

C:\Users\siva4>git config --global -e
hint: Waiting for your editor to close the file...
```



```
C:\Users\siva4\.gitconfig - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
plugin .gitconfig
1 [user]
2     name = Sivasundar M
3     email = siva401070@gmail.com
4 [core]
5     editor = notepad++ -multiInst -notabbar -nosession -no plugin
6
```

Step 3: Add a file to source code repository

```
siva4@Siva177 MINGW64 ~ (main)
$ cd ~/git-demo

siva4@Siva177 MINGW64 ~/git-demo (main)
$ git init
Reinitialized existing Git repository in C:/Users/siva4/git-demo/.git/

siva4@Siva177 MINGW64 ~/git-demo (main)
$ ls -la
total 27
drwxr-xr-x 1 siva4 197609  0 Aug 10 22:35 ./
drwxr-xr-x 1 siva4 197609  0 Aug 11 09:45 ../
drwxr-xr-x 1 siva4 197609  0 Aug 11 09:47 .git/
-rw-r--r-- 1 siva4 197609 13 Aug 10 22:45 .gitignore
-rw-r--r-- 1 siva4 197609 14 Aug 10 22:21 demo.txt
-rw-r--r-- 1 siva4 197609 26 Aug 10 22:33 error.log
drwxr-xr-x 1 siva4 197609  0 Aug 10 22:34 log/

siva4@Siva177 MINGW64 ~/git-demo (main)
$ echo "welcome to gitdemo" >welcome.txt

siva4@Siva177 MINGW64 ~/git-demo (main)
$ cat welcome.txt
welcome to gitdemo

siva4@Siva177 MINGW64 ~/git-demo (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   .gitignore

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        welcome.txt

no changes added to commit (use "git add" and/or "git commit -a")

siva4@Siva177 MINGW64 ~/git-demo (main)
$ git add welcome.txt
warning: in the working copy of 'welcome.txt', LF will be replaced by CRLF the next time Git touches it

siva4@Siva177 MINGW64 ~/git-demo (main)
$ git commit
hint: Waiting for your editor to close the file... notepad++ -multiInst -notabbar -nosession -no plugin
: line 1: notepad++: command not found
error: there was a problem with the editor 'notepad++ -multiInst -notabbar -nosession -no plugin'
Please supply the message using either -m or -F option.
```

```
Sankara Narayanan@LAPTOP-8JGEJPC2 MINGW64 ~/GitDemo (master)
$ git remote add origin https://gitlab.com/sankarsn2004-group/gitdemo.git

Sankara Narayanan@LAPTOP-8JGEJPC2 MINGW64 ~/GitDemo (master)
$ git branch -M main

Sankara Narayanan@LAPTOP-8JGEJPC2 MINGW64 ~/GitDemo (main)
$ git add welcome.txt

Sankara Narayanan@LAPTOP-8JGEJPC2 MINGW64 ~/GitDemo (main)
$ git commit
On branch main
nothing to commit, working tree clean
```


```
siva4@Siva177 MINGW64 ~/git-demo (main|MERGING)
$ git add .

siva4@Siva177 MINGW64 ~/git-demo (main|MERGING)
$ git commit -m "Merge changes"
[main 720226a] Merge changes

siva4@Siva177 MINGW64 ~/git-demo (main)
$ git push -u origin main
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 12 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (9/9), 806 bytes | 268.00 KiB/s, done.
Total 9 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/siva1707/git-demo
  9b1125a..720226a  main -> main
branch 'main' set up to track 'origin/main'.

siva4@Siva177 MINGW64 ~/git-demo (main)
$ git push -uf origin main
branch 'main' set up to track 'origin/main'.
Everything up-to-date

siva4@Siva177 MINGW64 ~/git-demo (main)
$
```

 **git-demo** Public


Pin Watch 0

main

1 Branch


0 Tags

Add file <> Code

 **Sivasundar M** Merge changes


720226a · 2 minutes ago

🕒 9 Commits

 .gitignore


Merge changes


2 minutes ago

 welcome.txt

Initial commit:add welcome.txt

10 minutes ago

 **README**





Add a README


Help people interested in this repository understand your project by adding a README.


Add a README

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