

1. Git-HOL

Step 1: Setup your machine with Git Configuration

```
MINGW64:/e/Coding/Week 8

thiru@HackSparrow MINGW64 /e/Coding/Week 8
$ git config --global user.name "Rathish-03"

thiru@HackSparrow MINGW64 /e/Coding/Week 8
$ git config --global user.email "thirumanirathish@gmail.com"

thiru@HackSparrow MINGW64 /e/Coding/Week 8
$ git config --global --list
user.email=thirumanirathish@gmail.com
user.name=Rathish-03
core.editor='/c/Program Files/Notepad++/notepad++.exe' -multiInst -nosession

thiru@HackSparrow MINGW64 /e/Coding/Week 8
$ |
```

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

```
MINGW64:/e/Coding/Week 8

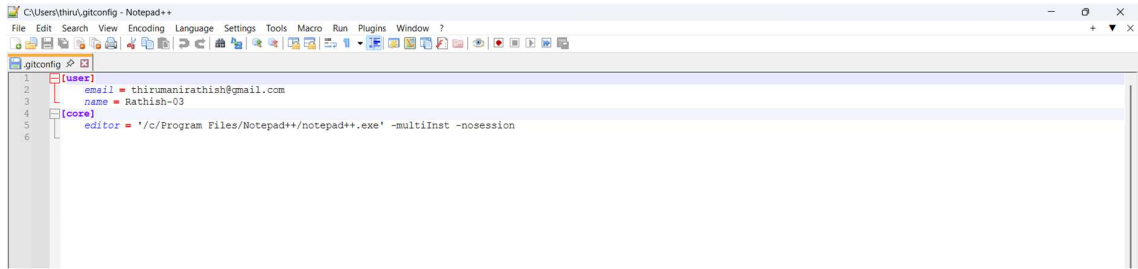
thiru@HackSparrow MINGW64 /e/Coding/Week 8
$ git config --global core.editor "'/c/Program Files/Notepad++/notepad++.exe' -m
ultiInst -nosession"

thiru@HackSparrow MINGW64 /e/Coding/Week 8
$ git config --global --get core.editor
'/c/Program Files/Notepad++/notepad++.exe' -multiInst -nosession

thiru@HackSparrow MINGW64 /e/Coding/Week 8
$ notepad++

thiru@HackSparrow MINGW64 /e/Coding/Week 8
$ git config --global --list
user.email=thirumanirathish@gmail.com
user.name=Rathish-03
core.editor='/c/Program Files/Notepad++/notepad++.exe' -multiInst -nosession

thiru@HackSparrow MINGW64 /e/Coding/Week 8
$
```



Step 3: Add a file to source code repository

```

MINGW64/e/Coding/Week 8/GitDemo
thiru@HackSparrow MINGW64 /e/Coding/Week 8
$ mkdir GitDemo

thiru@HackSparrow MINGW64 /e/Coding/Week 8
$ cd GitDemo/

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo
$ git init
Initialized empty Git repository in E:/Coding/Week 8/GitDemo/.git/

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (master)
$ echo "welcome to GitDemo by Rathish" > welcome.txt

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (master)
$ cat welcome.txt
welcome to GitDemo by Rathish

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add -f" to include in what will be committed)
        welcome.txt

nothing added to commit but untracked files present (use "git add" to track)

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (master)
$ git add
warning: in the working copy of 'welcome.txt', LF will be replaced by CRLF the n
ext time Git touches it

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (master)
$ git commit -m "initial commit: add welcome.txt"
[master (root-commit) ad606c9] initial commit: add welcome.txt
1 file changed, 1 insertion(+)
 create mode 100644 welcome.txt

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (master)
$ git remote add origin https://github.com/Rathish-03/GitDemo.git

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (master)
$ git branch -M main

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (main)
$ git push -u origin main
remote: Repository not found.
fatal: repository 'https://github.com/Rathish-03/GitDemo.git/' not found

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 261 bytes | 261.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
to https://github.com/Rathish-03/GitDemo.git

```

Step 4: Signup with GitLab and create a remote repository “GitDemo”

```

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (master)
$ git remote add origin https://github.com/Rathish-03/GitDemo.git

thiru@HackSparrow MINGW64 /e/Coding/Week 8/GitDemo (master)
$ git branch -M main

```

