

## Objectives

Familiar with Git commands like git init, git status, git add, git commit, git push, and git pull.

- Setup your machine with Git Configuration
- Integrate notepad++.exe to Git and make it a default editor
- Add a file to source code repository

### Step 1: Setup Git Configuration

#### 1. Check Git Version

```
PS E:\Cognizant-Java FSE\Week 8> git version
git version 2.47.1.windows.1
PS E:\Cognizant-Java FSE\Week 8> |
```

#### 2. Configure Your Git Identity

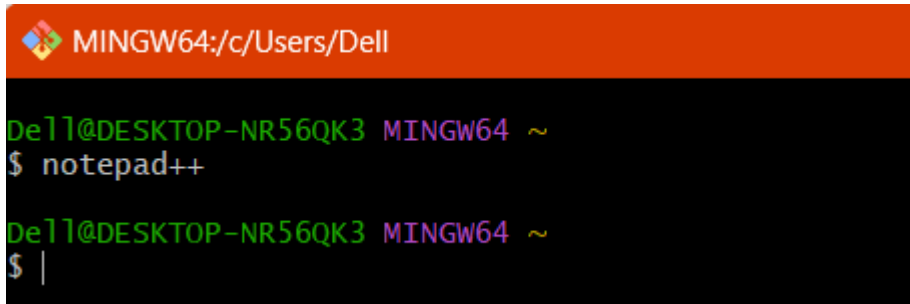
```
PS E:\Cognizant-Java FSE\Week 8> git config --global user.name "Disha"
PS E:\Cognizant-Java FSE\Week 8> git config --global user.email "disha.2226it1189@kiet.edu"
```

#### 3. Verify Configuration

```
PS E:\Cognizant-Java FSE\Week 8> git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
user.name=Disha
user.email=disha.2226it1189@kiet.edu
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true
remote.origin.url=https://github.com/DishaBansal15/Cognizant-weekwise-handson-practice.git
remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
branch.main.remote=origin
branch.main.merge=refs/heads/main
```

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

#### 1. Check if Notepad++ is Recognized

A screenshot of a MINGW64 terminal window. The title bar is orange and contains the MINGW64 logo and the path 'MINGW64:/c/Users/Dell'. The terminal has a black background with green text. The first line shows the prompt 'Dell@DESKTOP-NR56QK3 MINGW64 ~' followed by the command '\$ notepad++'. The second line shows the same prompt followed by a vertical bar cursor '\$ |'.

```
MINGW64:/c/Users/Dell  
  
Dell@DESKTOP-NR56QK3 MINGW64 ~  
$ notepad++  
  
Dell@DESKTOP-NR56QK3 MINGW64 ~  
$ |
```

This command opens the notepad++