WEEK 8 - GIT – EX1

1. check git installation

git --version

2. configure git username and email

git config --global user.name "harsshine"
git config --global user.email "rharsshine@gmail.com"

3. verify configuration

git config --list

4. set notepad++ as default git editor

git config --global core.editor "notepad++ -multiInst -nosession"

5. create new folder and initialize repository

mkdir GitDemo
cd GitDemo
git init

6. create a file with content

echo "welcome to git demo" > welcome.txt

7. check status

git status

8. stage the file

git add welcome.txt

9. commit the file

git commit -m "added welcome.txt"

10. add remote repository

git remote add origin https://github.com/yourusername/GitDemo.git
git remote -v

11. push to remote repository

git push -u origin master

(use main instead of master if your default branch is main)

12. edit file in notepad++

notepad++ welcome.txt

(edit, save, and close)

13. stage updated file

git add welcome.txt

14. commit the update

git commit -m "updated welcome.txt"

15. push updated file

git push

OUTPUT:

MINGW64:/c/Users/DK/GitDemo

```
$ git commit -m "updated welcome.txt"
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

NO@DESKTOP-3CSNJRQ MINGW64 ~/GitDemo (master)
$ git push
Everything up-to-date

NO@DESKTOP-3CSNJRQ MINGW64 ~/GitDemo (master)
$ ^C

NO@DESKTOP-3CSNJRQ MINGW64 ~/GitDemo (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

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:   welcome.txt

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

NO@DESKTOP-3CSNJRQ MINGW64 ~/GitDemo (master)
$ git add welcome.txt
warning: in the working copy of 'welcome.txt', LF will be replaced by
CRLF the next time Git touches it

NO@DESKTOP-3CSNJRQ MINGW64 ~/GitDemo (master)
$ git commit -m "updated welcome.txt"
[master 1629148] updated welcome.txt
 1 file changed, 1 insertion(+)

NO@DESKTOP-3CSNJRQ MINGW64 ~/GitDemo (master)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 289 bytes | 289.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Harsshine/GitDemo
   3d322d4..1629148  master -> master
```