# Git HOL Week 8 - Clean Execution Log

PS C:\Users\bhuvi> git --version  
git version 2.50.1.windows.1  
  
PS C:\Users\bhuvi> git config --global user.name Bhuvanesh  
PS C:\Users\bhuvi> git config --global user.email vtu22448@veltech.edu.in  
PS C:\Users\bhuvi> git config --global --list  
user.name=Bhuvanesh  
user.email=vtu22448@veltech.edu.in  
core.editor='C:/Program Files/Notepad++/notepad++.exe' -multiInst -nosession  
  
PS C:\Users\bhuvi> git config --global core.editor "'C:/Program Files/Notepad++/notepad++.exe' -multiInst -nosession"  
  
PS C:\Users\bhuvi> cd GitDemo  
PS C:\Users\bhuvi\GitDemo> git init  
Reinitialized existing Git repository in C:/Users/bhuvi/GitDemo/.git/  
  
PS C:\Users\bhuvi\GitDemo> echo Welcome to Git Hands-on > welcome.txt  
PS C:\Users\bhuvi\GitDemo> git status  
On branch master  
Changes not staged for commit:  
 (use "git add <file>..." to update what will be committed)  
 modified: welcome.txt  
  
no changes added to commit (use "git add" and/or "git commit -a")  
  
PS C:\Users\bhuvi\GitDemo> git add welcome.txt  
PS C:\Users\bhuvi\GitDemo> git commit -m "Added welcome file"  
[master bed16e3] Added welcome file  
 1 file changed, 0 insertions(+), 0 deletions(-)  
  
PS C:\Users\bhuvi\GitDemo> git log --oneline  
bed16e3 (HEAD -> master) Added welcome file  
dffc7ae Added welcome file  
  
PS C:\Users\bhuvi\GitDemo> git status  
On branch master  
nothing to commit, working tree clean  
  
PS C:\Users\bhuvi> git clone https://github.com/Bhuvanesh996/Digital-nurture-4.0 temp-repo  
Cloning into 'temp-repo'...  
remote: Enumerating objects: 473, done.  
remote: Counting objects: 100% (473/473), done.  
remote: Compressing objects: 100% (260/260), done.  
remote: Total 473 (delta 62), reused 464 (delta 54), pack-reused 0 (from 0)  
Receiving objects: 100% (473/473), 6.93 MiB | 3.78 MiB/s, done.  
Resolving deltas: 100% (62/62), done.  
  
PS C:\Users\bhuvi\temp-repo> mkdir "week 8"  
  
PS C:\Users\bhuvi\temp-repo> Copy-Item -Recurse ../GitDemo/\* "week 8"  
PS C:\Users\bhuvi\temp-repo> git add .  
PS C:\Users\bhuvi\temp-repo> git commit -m "Added Week 8 Git HOL work"  
[main 5d2b981] Added Week 8 Git HOL work  
 1 file changed, 0 insertions(+), 0 deletions(-)  
 create mode 100644 week 8/welcome.txt  
  
PS C:\Users\bhuvi\temp-repo> git push origin main  
To https://github.com/Bhuvanesh996/Digital-nurture-4.0  
 c940d9a..5d2b981 main -> main  
  
PS C:\Users\bhuvi\temp-repo\week 8> echo "This is a sample log" > debug.log  
PS C:\Users\bhuvi\temp-repo\week 8> mkdir logs  
PS C:\Users\bhuvi\temp-repo\week 8> echo "Log content" > logs\error.log  
PS C:\Users\bhuvi\temp-repo\week 8> echo "\*.log" > .gitignore  
PS C:\Users\bhuvi\temp-repo\week 8> echo "logs/" >> .gitignore  
  
PS C:\Users\bhuvi\temp-repo\week 8> git add .gitignore  
PS C:\Users\bhuvi\temp-repo\week 8> git commit -m "Added .gitignore to ignore .log files and logs folder"  
[main 4ff24b6] Added .gitignore to ignore .log files and logs folder  
 create mode 100644 week 8/.gitignore  
  
PS C:\Users\bhuvi\temp-repo\week 8> git push origin main  
To https://github.com/Bhuvanesh996/Digital-nurture-4.0  
 5d2b981..4ff24b6 main -> main  
  
PS C:\Users\bhuvi\temp-repo> git checkout -b GitNewBranch  
Switched to a new branch 'GitNewBranch'  
  
PS C:\Users\bhuvi\temp-repo> echo "This is from the new branch" > "week 8/branchfile.txt"  
PS C:\Users\bhuvi\temp-repo> git add "week 8/branchfile.txt"  
PS C:\Users\bhuvi\temp-repo> git commit -m "Added branchfile.txt in GitNewBranch"  
[GitNewBranch ff347c5] Added branchfile.txt in GitNewBranch  
  
PS C:\Users\bhuvi\temp-repo> git checkout main  
Switched to branch 'main'  
  
PS C:\Users\bhuvi\temp-repo> git merge GitNewBranch  
Updating 4ff24b6..ff347c5  
Fast-forward  
 create mode 100644 week 8/branchfile.txt  
  
PS C:\Users\bhuvi\temp-repo> git branch -d GitNewBranch  
Deleted branch GitNewBranch (was ff347c5).  
  
PS C:\Users\bhuvi\temp-repo> git push origin main  
To https://github.com/Bhuvanesh996/Digital-nurture-4.0  
 4ff24b6..ff347c5 main -> main  
  
PS C:\Users\bhuvi\temp-repo> git checkout -b GitWork  
Switched to a new branch 'GitWork'  
  
PS C:\Users\bhuvi\temp-repo> echo "<message>Hello from GitWork branch</message>" > "week 8/hello.xml"  
PS C:\Users\bhuvi\temp-repo> git add "week 8/hello.xml"  
PS C:\Users\bhuvi\temp-repo> git commit -m "Added hello.xml in GitWork branch"  
[GitWork 0047ef5] Added hello.xml in GitWork branch  
  
PS C:\Users\bhuvi\temp-repo> git checkout main  
Switched to branch 'main'  
  
PS C:\Users\bhuvi\temp-repo> echo "<message>Hello from MAIN branch</message>" > "week 8/hello.xml"  
PS C:\Users\bhuvi\temp-repo> git add "week 8/hello.xml"  
PS C:\Users\bhuvi\temp-repo> git commit -m "Added hello.xml in main branch"  
[main 1c1946d] Added hello.xml in main branch  
  
PS C:\Users\bhuvi\temp-repo> git merge GitWork  
CONFLICT (add/add): Merge conflict in week 8/hello.xml  
  
PS C:\Users\bhuvi\temp-repo> notepad "week 8\hello.xml"  
PS C:\Users\bhuvi\temp-repo> git add "week 8/hello.xml"  
PS C:\Users\bhuvi\temp-repo> git commit -m "Resolved merge conflict in hello.xml"  
[main 9c2c81c] Resolved merge conflict in hello.xml  
  
PS C:\Users\bhuvi\temp-repo> git push origin main  
To https://github.com/Bhuvanesh996/Digital-nurture-4.0  
 ff347c5..9c2c81c main -> main  
  
PS C:\Users\bhuvi\temp-repo> git pull origin main  
Already up to date.  
  
PS C:\Users\bhuvi\temp-repo> git push origin main  
Everything up-to-date