**Steve HP Session Log and Notes**

**2024 03 31 First git session**

Microsoft Windows [Version 10.0.19045.4170]

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C:\Users\Steve>git config --list --show-origin

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig diff.astextplain.textconv=astextplain

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig filter.lfs.clean=git-lfs clean -- %f

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig filter.lfs.smudge=git-lfs smudge -- %f

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig filter.lfs.process=git-lfs filter-process

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig filter.lfs.required=true

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig http.sslbackend=openssl

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig http.sslcainfo=C:/Users/Steve/AppData/Local/Programs/Git/mingw64/etc/ssl/certs/ca-bundle.crt

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig core.autocrlf=true

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig core.fscache=true

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig core.symlinks=false

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig core.editor=notepad

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig pull.rebase=false

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig credential.helper=manager

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig credential.https://dev.azure.com.usehttppath=true

file:C:/Users/Steve/AppData/Local/Programs/Git/etc/gitconfig init.defaultbranch=main

C:\Users\Steve>git config --global user.name "Steve Nielson"

C:\Users\Steve>git config --global user.email SteveN5QC@gmail.com

C:\Users\Steve>git config --global init.defaultBranch main

C:\Users\Steve>git config --list

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:/Users/Steve/AppData/Local/Programs/Git/mingw64/etc/ssl/certs/ca-bundle.crt

core.autocrlf=true

core.fscache=true

core.symlinks=false

core.editor=notepad

pull.rebase=false

credential.helper=manager

credential.https://dev.azure.com.usehttppath=true

init.defaultbranch=main

user.name=Steve Nielson

user.email=SteveN5QC@gmail.com

init.defaultbranch=main

C:\Users\Steve>git config user.name

Steve Nielson

C:\Users\Steve>git help config

C:\Users\Steve>git add -h

usage: git add [<options>] [--] <pathspec>...

-n, --[no-]dry-run dry run

-v, --[no-]verbose be verbose

-i, --[no-]interactive

interactive picking

-p, --[no-]patch select hunks interactively

-e, --[no-]edit edit current diff and apply

-f, --[no-]force allow adding otherwise ignored files

-u, --[no-]update update tracked files

--[no-]renormalize renormalize EOL of tracked files (implies -u)

-N, --[no-]intent-to-add

record only the fact that the path will be added later

-A, --[no-]all add changes from all tracked and untracked files

--[no-]ignore-removal ignore paths removed in the working tree (same as --no-all)

--[no-]refresh don't add, only refresh the index

--[no-]ignore-errors just skip files which cannot be added because of errors

--[no-]ignore-missing check if - even missing - files are ignored in dry run

--[no-]sparse allow updating entries outside of the sparse-checkout cone

--[no-]chmod (+|-)x override the executable bit of the listed files

--[no-]pathspec-from-file <file>

read pathspec from file

--[no-]pathspec-file-nul

with --pathspec-from-file, pathspec elements are separated with NUL character

**Resume**

C:\Users\Steve>cd C:\Users\Steve\OneDrive\Working Files\Resume

C:\Users\Steve\OneDrive\Working Files\Resume>git init

Initialized empty Git repository in C:/Users/Steve/OneDrive/Working Files/Resume/.git/

C:\Users\Steve\OneDrive\Working Files\Resume>git add Resume\_Stephen\_A\_Nielson.docx

C:\Users\Steve\OneDrive\Working Files\Resume>git add LICENSE

fatal: pathspec 'LICENSE' did not match any files

C:\Users\Steve\OneDrive\Working Files\Resume>git add README.MD

fatal: pathspec 'README.MD' did not match any files

C:\Users\Steve\OneDrive\Working Files\Resume>git add README.MD

C:\Users\Steve\OneDrive\Working Files\Resume>git commit -m 'Initial Resume Git Tracking Version'

error: pathspec 'Resume' did not match any file(s) known to git

error: pathspec 'Git' did not match any file(s) known to git

error: pathspec 'Tracking' did not match any file(s) known to git

error: pathspec 'Version'' did not match any file(s) known to git

C:\Users\Steve\OneDrive\Working Files\Resume>git commit -m "Initial Resume Git Tracking Version"

[main (root-commit) ba800e6] Initial Resume Git Tracking Version

2 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 README.MD

create mode 100644 Resume\_Stephen\_A\_Nielson.docx

C:\Users\Steve\OneDrive\Working Files\Resume>

# **NEXT: Cloning an Existing Repository in 2.1 Git Basics - Getting a Git Repository**

**2024 04 01 Second git session**

Microsoft Windows [Version 10.0.19045.4170]

(c) Microsoft Corporation. All rights reserved.

C:\Users\Steve>cd C:\Users\Steve\OneDrive\Working Files\Git\_Learning

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>git clone https://github.com/SteveN5QC/Git\_Education.git

Cloning into 'Git\_Education'...

remote: Enumerating objects: 9, done.

remote: Counting objects: 100% (9/9), done.

remote: Compressing objects: 100% (8/8), done.

remote: Total 9 (delta 0), reused 0 (delta 0), pack-reused 0

Receiving objects: 100% (9/9), 25.67 MiB | 7.20 MiB/s, done.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is up to date with 'origin/main'.

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: Learning\_Plan.docx

modified: Session\_Log\_and\_Notes.docx

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

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is up to date with 'origin/main'.

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: Learning\_Plan.docx

modified: README.md

modified: Session\_Log\_and\_Notes.docx

Untracked files:

(use "git add <file>..." to include in what will be committed)

~$README.md

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

**Moved in from Errata.txt o 4/2/2024 on Tails**

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is up to date with 'origin/main'.

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: Learning\_Plan.docx

modified: Session\_Log\_and\_Notes.docx

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

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is up to date with 'origin/main'.

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: Learning\_Plan.docx

modified: README.md

modified: Session\_Log\_and\_Notes.docx

Untracked files:

(use "git add <file>..." to include in what will be committed)

~$README.md

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

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git add

Nothing specified, nothing added.

hint: Maybe you wanted to say 'git add .'?

hint: Turn this message off by running

hint: "git config advice.addEmptyPathspec false"

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git add Learning\_Plan.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is up to date with 'origin/main'.

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: Learning\_Plan.docx

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: README.md

modified: Session\_Log\_and\_Notes.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git add README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git add Session\_Log\_and\_Notes.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is up to date with 'origin/main'.

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: Learning\_Plan.docx

modified: README.md

modified: Session\_Log\_and\_Notes.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status -s

M Learning\_Plan.docx

M README.md

M Session\_Log\_and\_Notes.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status -s

M Learning\_Plan.docx

M README.md

M Session\_Log\_and\_Notes.docx

?? Errata.txt

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>

============================================================================================

C:\Users\Steve>cd C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git remote

origin

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git remote -v

origin https://github.com/SteveN5QC/Git\_Education.git (fetch)

origin https://github.com/SteveN5QC/Git\_Education.git (push)

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is ahead of 'origin/main' by 1 commit.

(use "git push" to publish your local commits)

nothing to commit, working tree clean

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git push origin main

info: please complete authentication in your browser...

Enumerating objects: 10, done.

Counting objects: 100% (10/10), done.

Delta compression using up to 8 threads

Compressing objects: 100% (6/6), done.

Writing objects: 100% (6/6), 180.33 KiB | 16.39 MiB/s, done.

Total 6 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/SteveN5QC/Git\_Education.git

7fbbe28..73369a1 main -> main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git remote show origin

\* remote origin

Fetch URL: https://github.com/SteveN5QC/Git\_Education.git

Push URL: https://github.com/SteveN5QC/Git\_Education.git

HEAD branch: main

Remote branch:

main tracked

Local branch configured for 'git pull':

main merges with remote main

Local ref configured for 'git push':

main pushes to main (up to date)

**4/4/24 PM Session**

Microsoft Windows [Version 10.0.19045.4170]

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C:\Users\Steve>cd C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch HP\_D

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: Session\_Log\_and\_Notes.docx

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

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin

fatal: unable to access 'https://github.com/SteveN5QC/Git\_Education.git/': Could not resolve host: github.com

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin

remote: Enumerating objects: 14, done.

remote: Counting objects: 100% (14/14), done.

remote: Compressing objects: 100% (10/10), done.

remote: Total 11 (delta 1), reused 4 (delta 1), pack-reused 0

Unpacking objects: 100% (11/11), 25.47 KiB | 299.00 KiB/s, done.

From https://github.com/SteveN5QC/Git\_Education

045744c..352acac Forgetful -> origin/Forgetful

6021ab9..4037e0d HP\_D -> origin/HP\_D

6021ab9..429be77 main -> origin/main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch

\* HP\_D

main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin Forgetful

From https://github.com/SteveN5QC/Git\_Education

\* branch Forgetful -> FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch Forgetful FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch HP\_D FETCH\_HEAH

fatal: a branch named 'HP\_D' already exists

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git checkiyr HP\_D

git: 'checkiyr' is not a git command. See 'git --help'.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git checkout HP\_D

M Session\_Log\_and\_Notes.docx

Already on 'HP\_D'

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch

Forgetful

\* HP\_D

main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch HP\_D

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: Session\_Log\_and\_Notes.docx

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

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git clone https://github.com/SteveN5QC/Git\_Education

Cloning into 'Git\_Education'...

remote: Enumerating objects: 37, done.

remote: Counting objects: 100% (37/37), done.

remote: Compressing objects: 100% (32/32), done.

remote: Total 37 (delta 7), reused 14 (delta 4), pack-reused 0

Receiving objects: 100% (37/37), 26.05 MiB | 12.26 MiB/s, done.

Resolving deltas: 100% (7/7), done.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git clone https://github.com/SteveN5QC/Git\_Education

Cloning into 'Git\_Education'...

remote: Enumerating objects: 37, done.

remote: Counting objects: 100% (37/37), done.

remote: Compressing objects: 100% (32/32), done.

remote: Total 37 (delta 7), reused 14 (delta 4), pack-reused 0

Receiving objects: 100% (37/37), 26.05 MiB | 12.77 MiB/s, done.

Resolving deltas: 100% (7/7), done.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>cd ..

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>git clone https://github.com/SteveN5QC/Git\_Education

fatal: destination path 'Git\_Education' already exists and is not an empty directory.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>git clone https://github.com/SteveN5QC/Git\_Education

Cloning into 'Git\_Education'...

remote: Enumerating objects: 37, done.

remote: Counting objects: 100% (37/37), done.

remote: Compressing objects: 100% (32/32), done.

remote: Total 37 (delta 7), reused 14 (delta 4), pack-reused 0

Receiving objects: 100% (37/37), 26.05 MiB | 12.27 MiB/s, done.

Resolving deltas: 100% (7/7), done.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>dir

Volume in drive C is WINDOWS

Volume Serial Number is C21B-31FB

Directory of C:\Users\Steve\OneDrive\Working Files\Git\_Learning

04/04/2024 10:27 PM <DIR> .

04/04/2024 10:27 PM <DIR> ..

04/01/2024 03:11 PM 26,945,415 2024\_04\_01\_Upload2GitHub.zip

04/04/2024 10:27 PM <DIR> Git\_Education

1 File(s) 26,945,415 bytes

3 Dir(s) 73,354,022,912 bytes free

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>cd Git\_Education

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>dir

Volume in drive C is WINDOWS

Volume Serial Number is C21B-31FB

Directory of C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education

04/04/2024 10:27 PM <DIR> .

04/04/2024 10:27 PM <DIR> ..

04/04/2024 10:27 PM 1,554 Errata.txt

04/04/2024 10:27 PM 6,152 Git\_Learning\_Resources.docx

04/04/2024 10:27 PM 16,596 Learning\_Plan.docx

04/04/2024 10:27 PM 6,725 Open\_Issues\_Tracker.docx

04/04/2024 10:27 PM 13,996,544 progit.epub

04/04/2024 10:27 PM 18,834,117 progit.pdf

04/04/2024 10:27 PM 375 README.md

04/04/2024 10:27 PM 175,973 Session\_Log\_and\_Notes.docx

04/04/2024 10:27 PM 14,551 Tails\_Installation\_Notes.docx

9 File(s) 33,052,587 bytes

2 Dir(s) 73,351,643,136 bytes free

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch

\* main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin HP\_D

From https://github.com/SteveN5QC/Git\_Education

\* branch HP\_D -> FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch HP\_D FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git checkout HP\_D

Switched to branch 'HP\_D'

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch

\* HP\_D

main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch HP\_D

nothing to commit, working tree clean

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch HP\_D

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: Session\_Log\_and\_Notes.docx

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

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch HP\_D

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: Git\_Learning\_Resources.docx

modified: Session\_Log\_and\_Notes.docx

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

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git add Git\_Learning\_Resources.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git add Session\_Log\_and\_Notes.docx

error: open("Session\_Log\_and\_Notes.docx"): Permission denied

error: unable to index file 'Session\_Log\_and\_Notes.docx'

fatal: updating files failed

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git add Session\_Log\_and\_Notes.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git commit

hint: Waiting for your editor to close the file... unix2dos: converting file C:/Users/Steve/OneDrive/Working Files/Git\_Learning/Git\_Education/.git/COMMIT\_EDITMSG to DOS format...

dos2unix: converting file C:/Users/Steve/OneDrive/Working Files/Git\_Learning/Git\_Education/.git/COMMIT\_EDITMSG to Unix format...

[HP\_D 79f0eb6] Adding back after editing on Home HP 4/4/2024 PM

2 files changed, 0 insertions(+), 0 deletions(-)

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git push origin HP\_D

Enumerating objects: 7, done.

Counting objects: 100% (7/7), done.

Delta compression using up to 8 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (4/4), 190.37 KiB | 12.69 MiB/s, done.

Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/SteveN5QC/Git\_Education

4037e0d..79f0eb6 HP\_D -> HP\_D

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>

**4/5/24 Noon (ish) Session**

Microsoft Windows [Version 10.0.19045.4170]

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C:\Users\Steve>cd C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch

remote: Enumerating objects: 14, done.

remote: Counting objects: 100% (12/12), done.

remote: Compressing objects: 100% (8/8), done.

remote: Total 8 (delta 4), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (8/8), 3.91 KiB | 108.00 KiB/s, done.

From https://github.com/SteveN5QC/Git\_Education

429be77..70ec40c main -> origin/main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch HP\_D

nothing to commit, working tree clean

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch

\* HP\_D

main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin main

From https://github.com/SteveN5QC/Git\_Education

\* branch main -> FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch main FETCH\_HEAD

fatal: a branch named 'main' already exists

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git checkout main

Unlink of file 'Session\_Log\_and\_Notes.docx' failed. Should I try again? (y/n) y

Unlink of file 'Session\_Log\_and\_Notes.docx' failed. Should I try again? (y/n) n

error: unable to unlink old 'Session\_Log\_and\_Notes.docx': Invalid argument

M Session\_Log\_and\_Notes.docx

Switched to branch 'main'

Your branch is behind 'origin/main' by 8 commits, and can be fast-forwarded.

(use "git pull" to update your local branch)

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin main

From https://github.com/SteveN5QC/Git\_Education

\* branch main -> FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>status

'status' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is behind 'origin/main' by 8 commits, and can be fast-forwarded.

(use "git pull" to update your local branch)

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: Session\_Log\_and\_Notes.docx

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

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git pull

Updating 429be77..70ec40c

error: Your local changes to the following files would be overwritten by merge:

Session\_Log\_and\_Notes.docx

Please commit your changes or stash them before you merge.

Aborting

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git add Session\_Log\_and\_Notes.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git commit

hint: Waiting for your editor to close the file... unix2dos: converting file C:/Users/Steve/OneDrive/Working Files/Git\_Learning/Git\_Education/.git/COMMIT\_EDITMSG to DOS format...

dos2unix: converting file C:/Users/Steve/OneDrive/Working Files/Git\_Learning/Git\_Education/.git/COMMIT\_EDITMSG to Unix format...

[main 3a4abcd] committing Local Before PULL

1 file changed, 0 insertions(+), 0 deletions(-)

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git merge

hint: Waiting for your editor to close the file... unix2dos: converting file C:/Users/Steve/OneDrive/Working Files/Git\_Learning/Git\_Education/.git/MERGE\_MSG to DOS format...

dos2unix: converting file C:/Users/Steve/OneDrive/Working Files/Git\_Learning/Git\_Education/.git/MERGE\_MSG to Unix format...

Merge made by the 'ort' strategy.

Errata.txt | 30 +++++++++++++++++++++++++++---

Git\_Learning\_Resources.docx | Bin 6152 -> 15270 bytes

README.md | 2 ++

3 files changed, 29 insertions(+), 3 deletions(-)

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git pull

Already up to date.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>status

'status' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git status

On branch main

Your branch is ahead of 'origin/main' by 2 commits.

(use "git push" to publish your local commits)

nothing to commit, working tree clean

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>cd ..

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>git clone https://github.com/SteveN5QC/Arduino.git

Cloning into 'Arduino'...

warning: You appear to have cloned an empty repository.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>git clone https://github.com/SteveN5QC/Python.git

Cloning into 'Python'...

remote: Enumerating objects: 6, done.

remote: Counting objects: 100% (6/6), done.

remote: Compressing objects: 100% (3/3), done.

remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0

Receiving objects: 100% (6/6), done.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>dir

Volume in drive C is WINDOWS

Volume Serial Number is C21B-31FB

Directory of C:\Users\Steve\OneDrive\Working Files\Git\_Learning

04/05/2024 12:45 PM <DIR> .

04/05/2024 12:45 PM <DIR> ..

04/05/2024 10:22 AM 10,255,935 10 Weekend Projects.pdf

04/01/2024 03:11 PM 26,945,415 2024\_04\_01\_Upload2GitHub.zip

04/05/2024 10:19 AM 181,667,259 37 Beginner Projects.pdf

04/05/2024 12:45 PM <DIR> Arduino

04/05/2024 10:22 AM 7,894,739 Arduino for Beginners.pdf

04/05/2024 12:29 PM <DIR> Git\_Education

04/05/2024 12:45 PM <DIR> Python

4 File(s) 226,763,348 bytes

5 Dir(s) 72,710,770,688 bytes free

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>cd Arduino

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Arduino>git status

On branch main

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

Arduino\_Planning.docx

README.md

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

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Arduino>git add Arduino\_Planning.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Arduino>git add README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Arduino>git commit

hint: Waiting for your editor to close the file... unix2dos: converting file C:/Users/Steve/OneDrive/Working Files/Git\_Learning/Arduino/.git/COMMIT\_EDITMSG to DOS format...

dos2unix: converting file C:/Users/Steve/OneDrive/Working Files/Git\_Learning/Arduino/.git/COMMIT\_EDITMSG to Unix format...

[main (root-commit) 656e28d] Populating Starting Info from HP

2 files changed, 4 insertions(+)

create mode 100644 Arduino\_Planning.docx

create mode 100644 README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Arduino>git push origin main

Enumerating objects: 4, done.

Counting objects: 100% (4/4), done.

Delta compression using up to 8 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (4/4), 12.63 KiB | 4.21 MiB/s, done.

Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To https://github.com/SteveN5QC/Arduino.git

\* [new branch] main -> main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Arduino>cd ..

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>dir

Volume in drive C is WINDOWS

Volume Serial Number is C21B-31FB

Directory of C:\Users\Steve\OneDrive\Working Files\Git\_Learning

04/05/2024 12:45 PM <DIR> .

04/05/2024 12:45 PM <DIR> ..

04/05/2024 10:22 AM 10,255,935 10 Weekend Projects.pdf

04/01/2024 03:11 PM 26,945,415 2024\_04\_01\_Upload2GitHub.zip

04/05/2024 10:19 AM 181,667,259 37 Beginner Projects.pdf

04/05/2024 12:45 PM <DIR> Arduino

04/05/2024 10:22 AM 7,894,739 Arduino for Beginners.pdf

04/05/2024 12:29 PM <DIR> Git\_Education

04/05/2024 12:45 PM <DIR> Python

4 File(s) 226,763,348 bytes

5 Dir(s) 72,675,774,464 bytes free

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>cd Python

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Python>git status

On branch main

Your branch is up to date with 'origin/main'.

Untracked files:

(use "git add <file>..." to include in what will be committed)

Python\_Planning.docx

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

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Python>git add Python\_Planning.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Python>git commit

hint: Waiting for your editor to close the file... unix2dos: converting file C:/Users/Steve/OneDrive/Working Files/Git\_Learning/Python/.git/COMMIT\_EDITMSG to DOS format...

dos2unix: converting file C:/Users/Steve/OneDrive/Working Files/Git\_Learning/Python/.git/COMMIT\_EDITMSG to Unix format...

[main ad8f734] Populating from HP

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 Python\_Planning.docx

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Python>git push origin HP\_Start

error: src refspec HP\_Start does not match any

error: failed to push some refs to 'https://github.com/SteveN5QC/Python.git'

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Python>git push origin main

Enumerating objects: 4, done.

Counting objects: 100% (4/4), done.

Delta compression using up to 8 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 13.94 KiB | 6.97 MiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To https://github.com/SteveN5QC/Python.git

1fe9b95..ad8f734 main -> main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Python>

**2024 04 06 Saturday AM Session**

Plan:

*Create New Repository on Command Line:*

*Create Directory DigiPi*

*Move to Directory DigiPi*

*echo "# DigiPi" >> README.md*

*git init*

*git add README.md*

*git commit -m "first commit"*

*git branch -M main*

*git remote add origin https://github.com/SteveN5QC/DigiPi.git*

*git push -u origin main*

*FAIL -- >Wipe and Repeat after creating on GitHub*

*Create New Repository DigiPi on Command Line (Steps Copied from GitHub):*

*Create Directory DigiPi*

*Move to Directory DigiPi*

*echo "# DigiPi" >> README.md*

*git init*

*git add README.md*

*git commit -m "first commit creating on Command Line"*

*git branch -M main*

*git remote add origin https://github.com/SteveN5QC/DigiPi.git*

*git push -u origin main*

*Create New Repository Standard\_Work on Command Line (Steps Copied from GitHub):*

*Create Directory Standard\_Work*

*Move to Directory Standard\_Work*

*echo "# Standard\_Work" >> README.md*

*git init*

*git add README.md*

*git commit -m "first commit creating on Command Line"*

*git branch -M main*

*git remote add origin https://github.com/SteveN5QC/Standard\_Work.git*

*git push -u origin main*

Log:

Microsoft Windows [Version 10.0.19045.4170]

(c) Microsoft Corporation. All rights reserved.

C:\Users\Steve>cd C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin

remote: Enumerating objects: 12, done.

remote: Counting objects: 100% (12/12), done.

remote: Compressing objects: 100% (7/7), done.

remote: Total 10 (delta 4), reused 9 (delta 3), pack-reused 0

Unpacking objects: 100% (10/10), 45.04 KiB | 583.00 KiB/s, done.

From https://github.com/SteveN5QC/Git\_Education

5dd33e2..83a9bf9 main -> origin/main

\* [new branch] N5QC\_Revisions -> origin/N5QC\_Revisions

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin N5QC\_Revisions

From https://github.com/SteveN5QC/Git\_Education

\* branch N5QC\_Revisions -> FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch Saturday\_HP

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch Saturday\_HP FETCH\_HEAD

fatal: a branch named 'Saturday\_HP' already exists

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git fetch origin N5QC\_Revisions

From https://github.com/SteveN5QC/Git\_Education

\* branch N5QC\_Revisions -> FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch Sat2\_HP FETCH\_HEAD

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git checkout Sat2\_HP

Switched to branch 'Sat2\_HP'

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>git branch

HP\_D

\* Sat2\_HP

Saturday\_HP

main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>dir

Volume in drive C is WINDOWS

Volume Serial Number is C21B-31FB

Directory of C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education

04/06/2024 10:01 AM <DIR> .

04/06/2024 10:01 AM <DIR> ..

04/05/2024 12:29 PM 2,115 Errata.txt

04/05/2024 12:29 PM 15,270 Git\_Learning\_Resources.docx

04/06/2024 09:45 AM 15,213 Git\_Workflow.docx

04/04/2024 10:27 PM 16,596 Learning\_Plan.docx

04/06/2024 09:41 AM 16,549 N5QC\_Session\_Log\_and\_Notes.docx

04/04/2024 10:27 PM 6,725 Open\_Issues\_Tracker.docx

04/04/2024 10:27 PM 13,996,544 progit.epub

04/04/2024 10:27 PM 18,834,117 progit.pdf

04/05/2024 12:29 PM 449 README.md

04/06/2024 10:01 AM 200,043 Session\_Log\_and\_Notes.docx

04/06/2024 09:41 AM 15,407 Tails\_Installation\_Notes.docx

11 File(s) 33,119,028 bytes

2 Dir(s) 70,184,558,592 bytes free

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Git\_Education>cd ..

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>md DigiPi

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>cd DigiPi

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>echo "# DigiPi" >> README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>dir

Volume in drive C is WINDOWS

Volume Serial Number is C21B-31FB

Directory of C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi

04/06/2024 10:02 AM <DIR> .

04/06/2024 10:02 AM <DIR> ..

04/06/2024 10:02 AM 13 README.md

1 File(s) 13 bytes

2 Dir(s) 70,181,662,720 bytes free

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git init

Initialized empty Git repository in C:/Users/Steve/OneDrive/Working Files/Git\_Learning/DigiPi/.git/

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git status

On branch main

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

README.md

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

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git add README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git commit -m "first commit"

[main (root-commit) 9790dc5] first commit

1 file changed, 1 insertion(+)

create mode 100644 README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git branch -M main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git remote add origin https://github.com/SteveN5QC/DigiPi.git

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git push -u origin main

remote: Repository not found.

fatal: repository 'https://github.com/SteveN5QC/DigiPi.git/' not found

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git push

fatal: The current branch main has no upstream branch.

To push the current branch and set the remote as upstream, use

git push --set-upstream origin main

To have this happen automatically for branches without a tracking

upstream, see 'push.autoSetupRemote' in 'git help config'.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>cd ..

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>md DigiPi

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>cd DigiPi

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>echo "# DigiPi" >> README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git init

Initialized empty Git repository in C:/Users/Steve/OneDrive/Working Files/Git\_Learning/DigiPi/.git/

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git status

On branch main

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

README.md

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

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git add README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git status

On branch main

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git commit -m "first commit creating on Command Line"

[main (root-commit) fdcc1c0] first commit creating on Command Line

1 file changed, 1 insertion(+)

create mode 100644 README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git branch -M main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git remote add origin https://github.com/SteveN5QC/DigiPi.git

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>git push -u origin main

Enumerating objects: 3, done.

Counting objects: 100% (3/3), done.

Writing objects: 100% (3/3), 244 bytes | 244.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To https://github.com/SteveN5QC/DigiPi.git

\* [new branch] main -> main

branch 'main' set up to track 'origin/main'.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\DigiPi>cd ..

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>dir

Volume in drive C is WINDOWS

Volume Serial Number is C21B-31FB

Directory of C:\Users\Steve\OneDrive\Working Files\Git\_Learning

04/06/2024 10:24 AM <DIR> .

04/06/2024 10:24 AM <DIR> ..

04/05/2024 10:22 AM 10,255,935 10 Weekend Projects.pdf

04/01/2024 03:11 PM 26,945,415 2024\_04\_01\_Upload2GitHub.zip

04/05/2024 10:19 AM 181,667,259 37 Beginner Projects.pdf

04/05/2024 12:45 PM <DIR> Arduino

04/05/2024 10:22 AM 7,894,739 Arduino for Beginners.pdf

04/06/2024 10:25 AM <DIR> DigiPi

04/06/2024 10:30 AM <DIR> Git\_Education

04/05/2024 12:45 PM <DIR> Python

4 File(s) 226,763,348 bytes

6 Dir(s) 70,233,538,560 bytes free

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>md Standard\_Work

C:\Users\Steve\OneDrive\Working Files\Git\_Learning>cd Standard\_Work

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Standard\_Work>echo "# Standard\_Work" >> README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Standard\_Work>dir

Volume in drive C is WINDOWS

Volume Serial Number is C21B-31FB

Directory of C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Standard\_Work

04/06/2024 10:31 AM <DIR> .

04/06/2024 10:31 AM <DIR> ..

04/06/2024 10:31 AM 20 README.md

1 File(s) 20 bytes

2 Dir(s) 70,231,486,464 bytes free

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Standard\_Work>git init

Initialized empty Git repository in C:/Users/Steve/OneDrive/Working Files/Git\_Learning/Standard\_Work/.git/

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Standard\_Work>git add README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Standard\_Work>git commit -m "first commit creating on Command Line"

[main (root-commit) d2a3b7d] first commit creating on Command Line

1 file changed, 1 insertion(+)

create mode 100644 README.md

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Standard\_Work>git branch -M main

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Standard\_Work>git remote add origin https://github.com/SteveN5QC/Standard\_Work.git

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Standard\_Work>git push -u origin main

Enumerating objects: 3, done.

Counting objects: 100% (3/3), done.

Writing objects: 100% (3/3), 251 bytes | 251.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To https://github.com/SteveN5QC/Standard\_Work.git

\* [new branch] main -> main

branch 'main' set up to track 'origin/main'.

C:\Users\Steve\OneDrive\Working Files\Git\_Learning\Standard\_Work>