

I.PADMA KIREETI

289243

GIT & SVN CASE STUDY :

1.

```
kireeti@ac255b1135b0553:~$ git --version
git version 2.43.0
kireeti@ac255b1135b0553:~$ svn --version
Command 'svn' not found, but can be installed with:
sudo apt install subversion
kireeti@ac255b1135b0553:~$ sudo apt update
[sudo] password for kireeti:
Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:5 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [612 kB]
Get:6 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [835 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [117 kB]
Get:8 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [8996 B]
Get:9 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [803 kB]
Get:10 http://archive.ubuntu.com/ubuntu noble-updates/main Translation-en [190 kB]
Get:11 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [151 kB]
Get:12 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [171 kB]
Get:13 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [994 kB]
Get:14 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.0 kB]
Get:15 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [613 kB]
Get:16 http://archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [247 kB]
Get:17 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-en [118 kB]
Get:18 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [313 kB]
Get:19 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [208 B]
Get:20 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [623 kB]
Get:21 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:22 http://archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [120 kB]
Get:23 http://security.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:24 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:25 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
Get:26 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [17.6 kB]
Get:27 http://archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:28 http://archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Fetched 6366 kB in 8s (774 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
68 packages can be upgraded. Run 'apt list --upgradable' to see them.
kireeti@ac255b1135b0553:~$ sudo apt install subversion -y
```

```
kireeti@ac255b1135b0553:~$ sudo apt install git-svn
Setting up libserf-1:amd64 (1.3.10-1ubuntu0.24.04.1) ...
Setting up libsvn1:amd64 (1.14.3-1build4) ...
Setting up subversion (1.14.3-1build4) ...
Processing triggers for libc-bin (2.39-0ubuntu8.3) ...
Processing triggers for man-db (2.12.0-4build2) ...
kireeti@ac255b1135b0553:~$ svn --version
svn, version 1.14.3 (r1914484)
   compiled Apr  1 2024, 04:55:49 on x86_64-pc-linux-gnu

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This software consists of contributions made by many people;
see the NOTICE file for more information.
Subversion is open source software, see http://subversion.apache.org/

The following repository access (RA) modules are available:

* ra_serf : Module for accessing a repository using the svn network protocol.
  - with Cyrus SASL authentication
  - handles 'svn' scheme
* ra_local : Module for accessing a repository on local disk.
  - handles 'file' scheme
* ra_serf : Module for accessing a repository via WebDAV protocol using serf.
  - using serf 1.3.10 (compiled with 1.3.10)
  - handles 'http' scheme
  - handles 'https' scheme

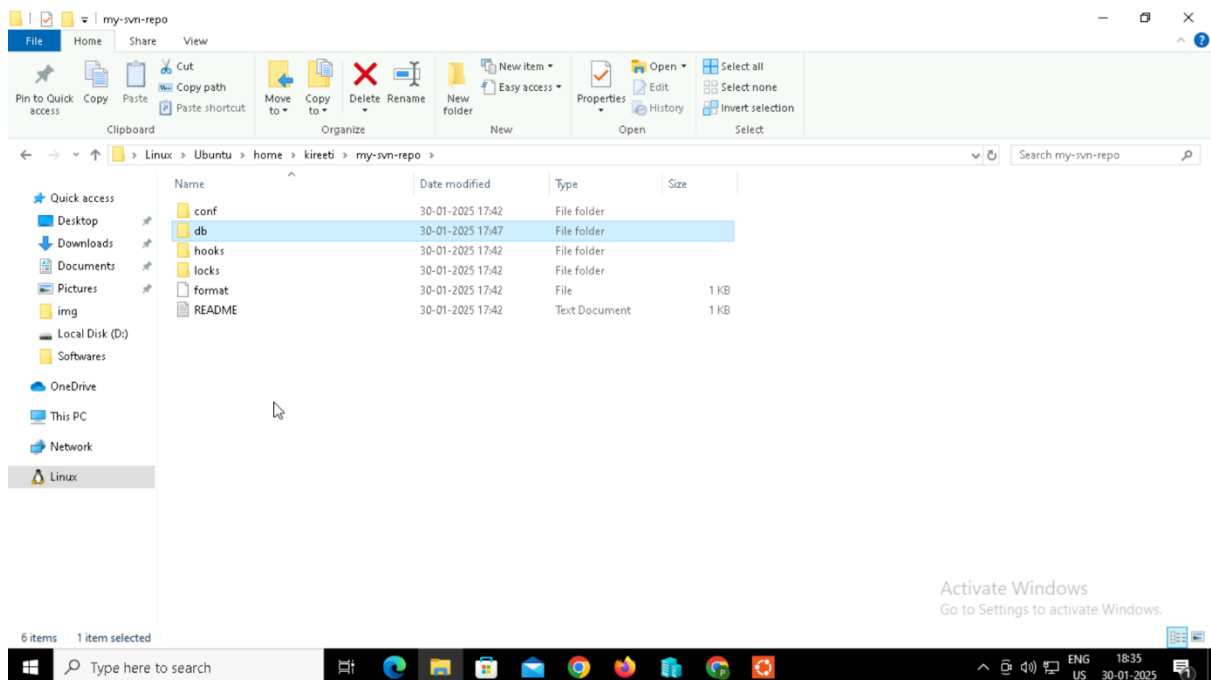
The following authentication credential caches are available:

* Plaintext cache in /home/kireeti/.subversion
* Gnome Keyring
* GPG-Agent
* KWallet (KDE)

kireeti@ac255b1135b0553:~$ sudo apt-get install git-svn
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libsvn-perl libterm-readkey-perl libyaml-libyaml-perl libyaml-perl
Suggested packages:
  git-doc libyaml-shell-perl
```

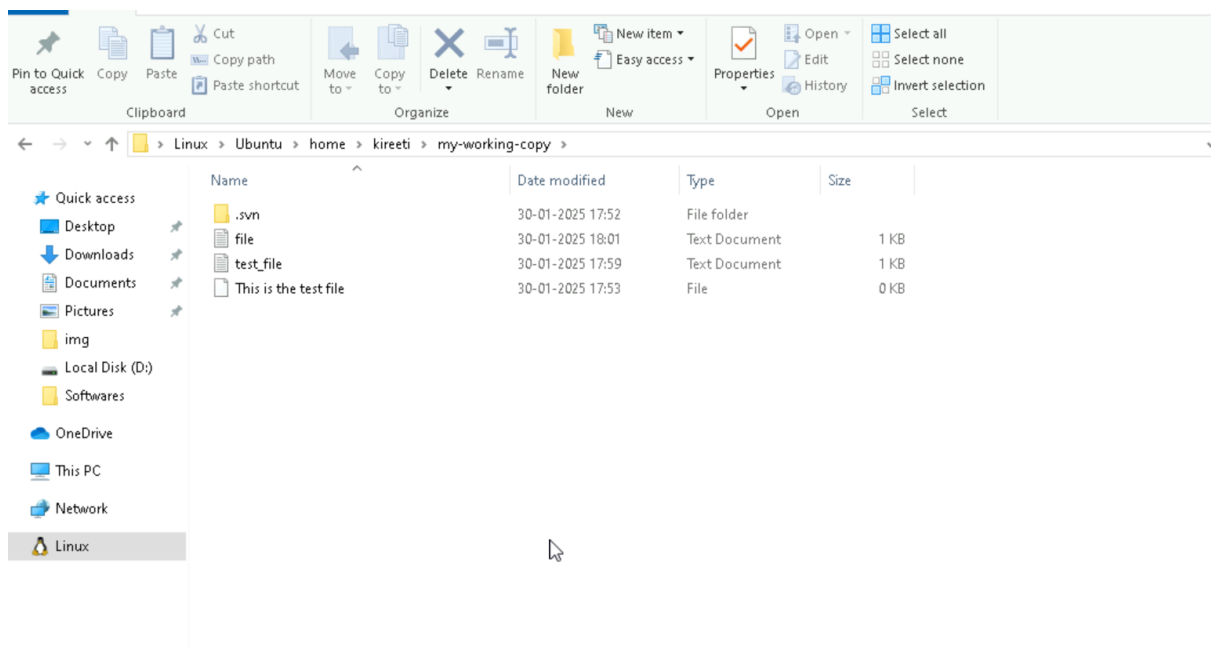
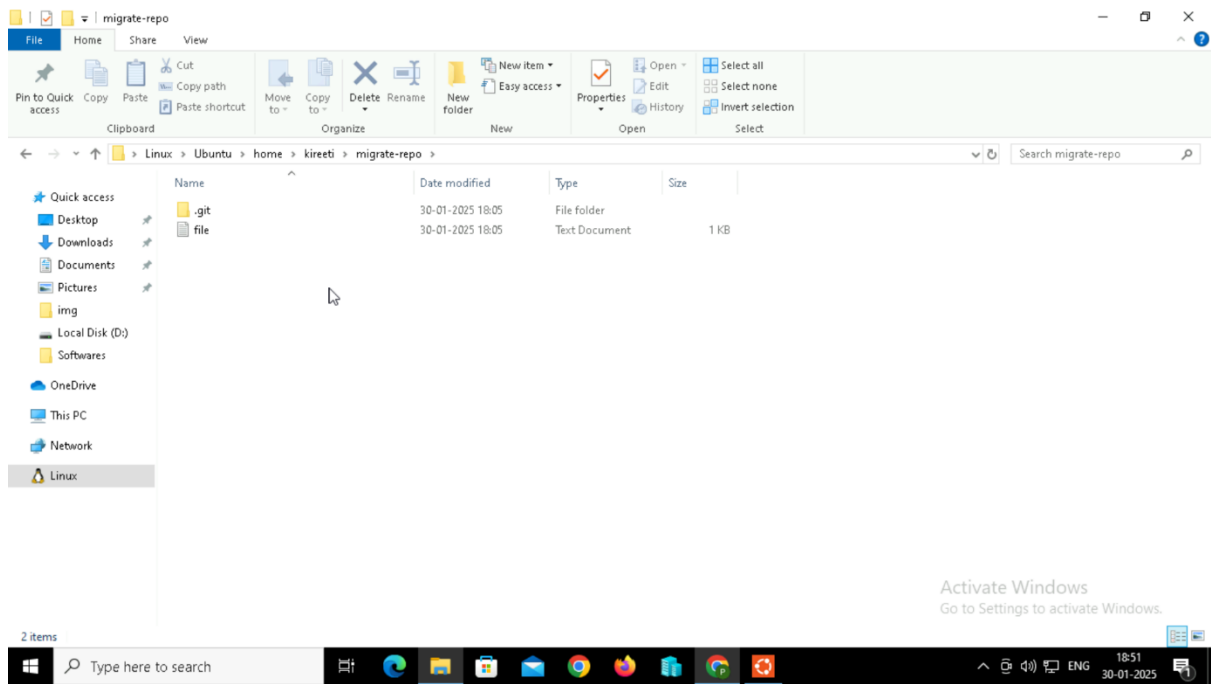
```
kireeti@ac255b1135b0553: ~  
Setting up libsvn-perl:amd64 (1.14.3-1build4) ...  
Setting up libyaml-libyaml-perl (0.89+ds-1build2) ...  
Setting up libyaml-perl (1.31-1) ...  
Setting up libterm-readkey-perl (2.38-2build4) ...  
Setting up git-svn (1:2.43.0-1ubuntu7.2) ...  
Processing triggers for libc-bin (2.39-0ubuntu8.3) ...  
Processing triggers for man-db (2.12.0-4build2) ...  
kireeti@ac255b1135b0553:~$ git-svn --version  
git-svn: command not found  
kireeti@ac255b1135b0553:~$ git svn --version  
git-svn version 2.43.0 (svn 1.14.3)  
kireeti@ac255b1135b0553:~$ pwd  
/home/kireeti  
kireeti@ac255b1135b0553:~$ mkdir migrate-repo  
kireeti@ac255b1135b0553:~$ cd migrate-repo/  
kireeti@ac255b1135b0553:~/migrate-repo$ git init  
hint: Using 'master' as the name for the initial branch. This default branch name  
hint: is subject to change. To configure the initial branch name to use in all  
hint: of your new repositories, which will suppress this warning, call:  
hint:  
hint:     git config --global init.defaultBranch <name>  
hint:  
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and  
hint: 'development'. The just-created branch can be renamed via this command:  
hint:  
hint:     git branch -m <name>  
Initialized empty Git repository in /home/kireeti/migrate-repo/.git/  
kireeti@ac255b1135b0553:~/migrate-repo$ cd ..  
kireeti@ac255b1135b0553:~$ svnadmin create my-svn-repo  
kireeti@ac255b1135b0553:~$ svn mkdir file:///home/kireeti/my-svn-repo/trunk file:///home/kireeti/my-svn-repo/branches file:///home/kireeti/my-svn-repo/tags -m "Initial Structure"  
Committing transaction...  
Committed revision 1.  
kireeti@ac255b1135b0553:~$
```

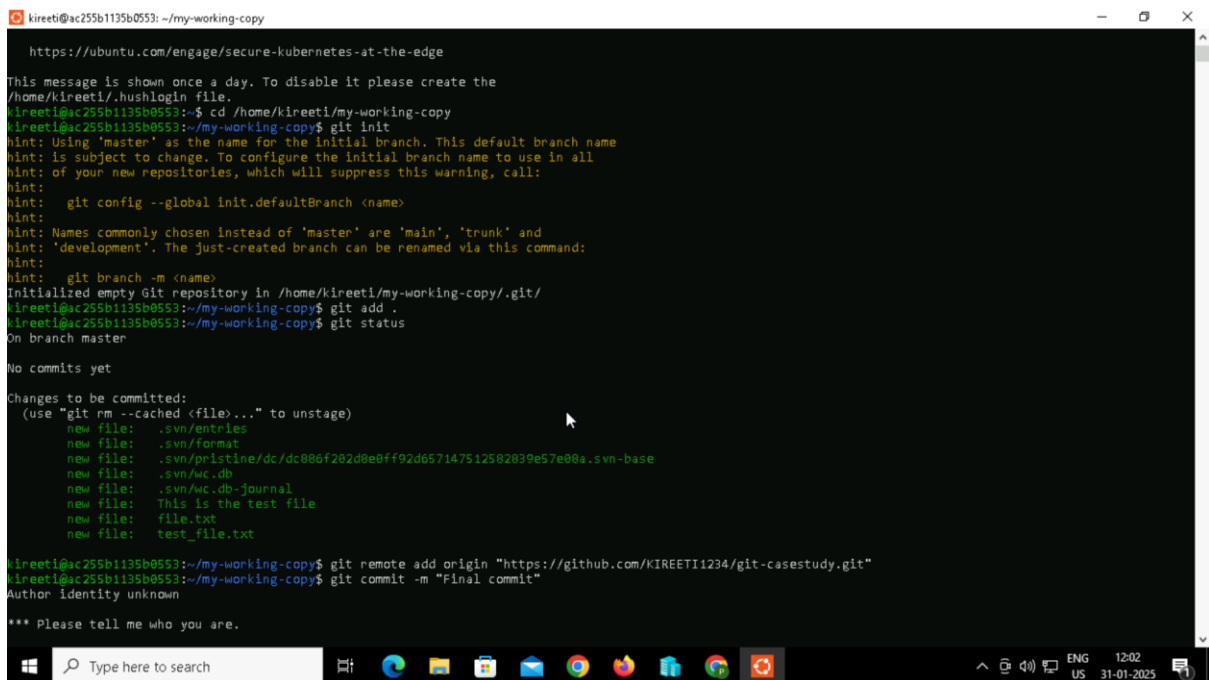
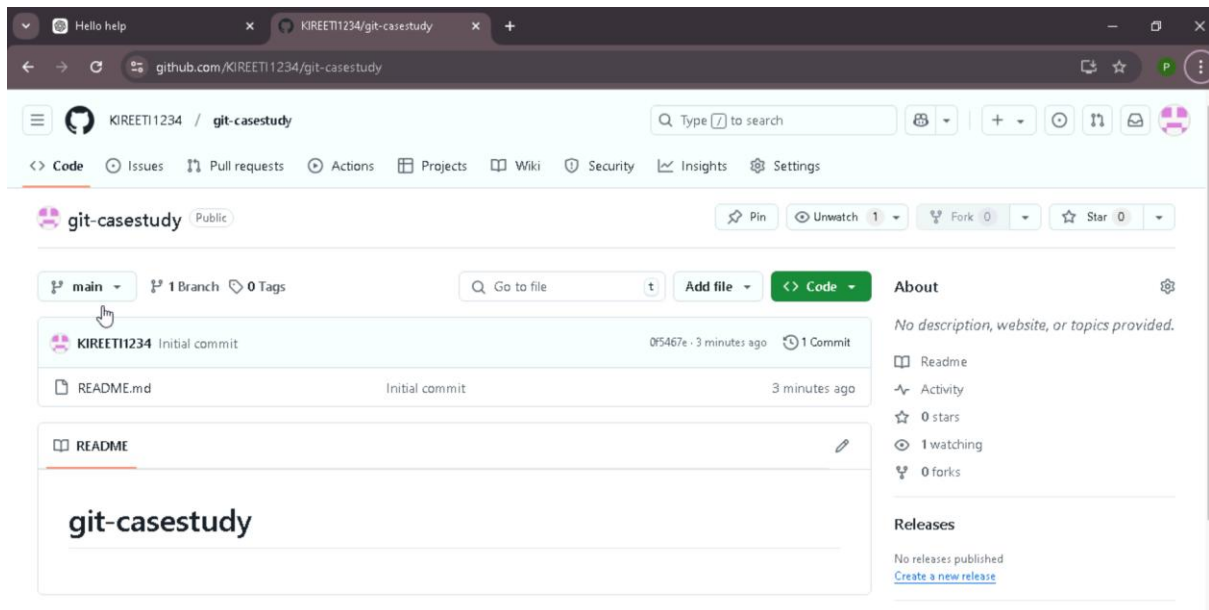
Activate Windows
Go to Settings to activate Windows.



```
Screenshot (137).png
kireeti@ac255b1135b0553: ~/my-working-copy
kireeti@ac255b1135b0553:~$ git-svn --version
git-svn: command not found
kireeti@ac255b1135b0553:~$ git svn --version
git-svn version 2.43.0 (svn 1.14.3)
kireeti@ac255b1135b0553:~$ pwd
/home/kireeti
kireeti@ac255b1135b0553:~$ mkdir migrate-repo
kireeti@ac255b1135b0553:~$ cd migrate-repo/
kireeti@ac255b1135b0553:~/migrate-repo$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch (name)
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m (name)
Initialized empty Git repository in /home/kireeti/migrate-repo/.git/
kireeti@ac255b1135b0553:~/migrate-repo$ cd ..
kireeti@ac255b1135b0553:~$ svnadmin create my-svn-repo
kireeti@ac255b1135b0553:~$ svn mkdir file:///home/kireeti/my-svn-repo/trunk file:///home/kireeti/my-svn-repo/branches file:///home/kireeti/my-svn-repo/tags -m "Initial Structure"
Committing transaction...
Committed revision 1.
kireeti@ac255b1135b0553:~$ mkdir /home/kireeti/my-working-copy
kireeti@ac255b1135b0553:~$ cd /home/kireeti/my-working-copy
kireeti@ac255b1135b0553:~/my-working-copy$ svn checkout file:///home/kireeti/my-svn-repo/trunk /home/kireeti/my-working-copy
Checked out revision 1.
kireeti@ac255b1135b0553:~/my-working-copy$ echo "This is the test file" > test_file.txt
kireeti@ac255b1135b0553:~/my-working-copy$ svn add test-file.txt
svn: warning: W155010: '/home/kireeti/my-working-copy/test-file.txt' not found
svn: E200009: Could not add all targets because some targets don't exist
svn: E200009: Illegal target for the requested operation
kireeti@ac255b1135b0553:~/my-working-copy$ echo "This is the test file" > test_file.txt
kireeti@ac255b1135b0553:~/my-working-copy$ svn add test-file.txt
svn: warning: W155010: '/home/kireeti/my-working-copy/test-file.txt' not found
svn: E200009: Could not add all targets because some targets don't exist
svn: E200009: Illegal target for the requested operation
kireeti@ac255b1135b0553:~/my-working-copy$
```

```
kireeti@ac255b1135b0553: ~/my-working-copy
kireeti@ac255b1135b0553:~/my-working-copy$ echo "This is the test file" > test_file.txt
kireeti@ac255b1135b0553:~/my-working-copy$ svn add test-file.txt
svn: warning: W155010: '/home/kireeti/my-working-copy/test-file.txt' not found
svn: E200009: Could not add all targets because some targets don't exist
svn: E200009: Illegal target for the requested operation
kireeti@ac255b1135b0553:~/my-working-copy$ echo "This is the test file" > test_file.txt
kireeti@ac255b1135b0553:~/my-working-copy$ svn add test-file.txt
svn: warning: W155010: '/home/kireeti/my-working-copy/test-file.txt' not found
svn: E200009: Could not add all targets because some targets don't exist
svn: E200009: Illegal target for the requested operation
kireeti@ac255b1135b0553:~/my-working-copy$ ls
'This is the test file'  test_file.txt
kireeti@ac255b1135b0553:~/my-working-copy$ svn status
?      This is the test file
?      test_file.txt
kireeti@ac255b1135b0553:~/my-working-copy$ svn commit -m "Added test-file.txt"
kireeti@ac255b1135b0553:~/my-working-copy$ svn log file:///home/kireeti/my-svn-repo
-----
r1 | kireeti | 2025-01-30 12:17:35 +0000 (Thu, 30 Jan 2025) | 1 line
Initial Structure
-----
kireeti@ac255b1135b0553:~/my-working-copy$ echo "Another changel!" >> file.txt
kireeti@ac255b1135b0553:~/my-working-copy$ svn add file.txt
A      file.txt
kireeti@ac255b1135b0553:~/my-working-copy$ svn commit -m "Made changes to file.txt"
Adding      file.txt
Transmitting file data .done
Committing transaction...
Committed revision 2.
kireeti@ac255b1135b0553:~/my-working-copy$ svn log file:///home/kireeti/my-svn-repo
-----
r2 | kireeti | 2025-01-30 12:32:11 +0000 (Thu, 30 Jan 2025) | 1 line
Made changes to file.txt
-----
r1 | kireeti | 2025-01-30 12:17:35 +0000 (Thu, 30 Jan 2025) | 1 line
Initial Structure
-----
kireeti@ac255b1135b0553:~/my-working-copy$
```




```
kireeti@ac255b1135b0553: ~/my-working-copy

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   .svn/entries
        new file:   .svn/format
        new file:   .svn/pristine/dc/dc886f202d8e0ff92d657147512582839e57e08a.svn-base
        new file:   .svn/wc.db
        new file:   .svn/wc.db-journal
        new file:   This is the test file
        new file:   file.txt
        new file:   test_file.txt

kireeti@ac255b1135b0553:~/my-working-copy$ git remote add origin "https://github.com/KIREETI1234/git-casestudy.git"
kireeti@ac255b1135b0553:~/my-working-copy$ git commit -m "Final commit"
Author identity unknown

*** Please tell me who you are.

Run

    git config --global user.email "you@example.com"
    git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: empty ident name (for <kireeti@ac255b1135b0553>) not allowed
kireeti@ac255b1135b0553:~/my-working-copy$ git config user.email "kireetinkoolu2002@gmail.com"
kireeti@ac255b1135b0553:~/my-working-copy$ git config user.name "KIREETI1234"
kireeti@ac255b1135b0553:~/my-working-copy$ git commit -m "Final commit"
(master root-commit) fa810e5 Final commit
 8 files changed, 5 insertions(+)
 create mode 100644 .svn/entries
 create mode 100644 .svn/format
 create mode 100644 .svn/pristine/dc/dc886f202d8e0ff92d657147512582839e57e08a.svn-base
 create mode 100644 .svn/wc.db
 create mode 100644 .svn/wc.db-journal
 create mode 100644 This is the test file
 create mode 100644 file.txt
 create mode 100644 test_file.txt
kireeti@ac255b1135b0553:~/my-working-copy$
```

```
kireeti@ac255b1135b0553: ~/my-working-copy
command 'remote' from snap remote (1.09)
See 'snap info <snapname>' for additional versions.
kireeti@ac255b1135b0553:~/my-working-copy$ git push origin HEAD:main
Username for 'https://github.com': git push https://github.com/KIREETI1234/git-casestudy.git
Password for 'https://git20push%20https%3A%2F%2Fgit%40github.com%2FKIREETI1234%2Fgit-casestudy.git@github.com':
kireeti@ac255b1135b0553:~/my-working-copy$ git push origin HEAD:main
Username for 'https://github.com': git push https://KIREETI1234@github.com/KIREETI1234/git-casestudy.git
Password for 'https://git20push%20https%3A%2F%2FKIREETI1234%40github.com%2FKIREETI1234%2Fgit-casestudy.git@github.com':
kireeti@ac255b1135b0553:~/my-working-copy$ git push origin HEAD:main
Username for 'https://github.com': ^[[A^C
kireeti@ac255b1135b0553:~/my-working-copy$ git push https://KIREETI1234@github.com/KIREETI1234/git-casestudy.git
Password for 'https://KIREETI1234@github.com':
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/get-started/getting-started-with-git/about-remote-repositories#cloning-with-https-urls for information on currently recommended modes of authentication.
fatal: Authentication failed for 'https://github.com/KIREETI1234/git-casestudy.git/'
kireeti@ac255b1135b0553:~/my-working-copy$ git push https://KIREETI1234@github.com/KIREETI1234/git-casestudy.git
Password for 'https://KIREETI1234@github.com':
kireeti@ac255b1135b0553:~/my-working-copy$ git push https://KIREETI1234@github.com/KIREETI1234/git-casestudy.git
Password for 'https://KIREETI1234@github.com':
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 4 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (10/10), 3.68 KiB | 942.00 KiB/s, done.
Total 10 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/KIREETI1234/git-casestudy/pull/new/master
remote:
To https://github.com/KIREETI1234/git-casestudy.git
 * [new branch] master -> master
kireeti@ac255b1135b0553:~/my-working-copy$ git push origin HEAD:main
Username for 'https://github.com': ^C
kireeti@ac255b1135b0553:~/my-working-copy$
```

HELLO HELP

KIREETI1234/git-casestudy

github.com/KIREETI1234/git-casestudy

☰

KIREETI1234 / git-casestudy

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About

👤 KIREETI1234 Merge pull request #1 from KIREETI1234/master d266966 · 9 minutes ago 3 Commits

📁 .svn	Final commit	37 minutes ago
📄 README.md	Initial commit	48 minutes ago
📄 This is the test file	Final commit	37 minutes ago
📄 file.txt	Final commit	37 minutes ago
📄 test_file.txt	Final commit	37 minutes ago

📖 README

No description, website, or topics provided.

📖 Readme

🔗 Activity

★ 0 stars

👁️ 1 watching

🍴 0 forks

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