

1. Watch the video and write down notes
2. Execute all the commands shown in video.

>>>

creating a file an empty git repository ,

checking the status,

adding the files,

committing it .

```
[batman@ip-172-31-2-182 test_script]$ 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/batman/test_script/.git/
[batman@ip-172-31-2-182 test_script]$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        calculator.sh
        new_dir.sh
        nginx-service.sh
        nginx.sh
        testline.sh
        tomcat.sh

nothing added to commit but untracked files present (use "git add" to track)
[batman@ip-172-31-2-182 test_script]$ git add .
[batman@ip-172-31-2-182 test_script]$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   calculator.sh
        new file:   new_dir.sh
        new file:   nginx-service.sh
        new file:   nginx.sh
        new file:   testline.sh
        new file:   tomcat.sh

[batman@ip-172-31-2-182 test_script]$ git commit -m "All testing scripts"
[master (root-commit) 5b24909] All testing scripts
6 files changed, 141 insertions(+)
create mode 100755 calculator.sh
create mode 100755 new_dir.sh
create mode 100755 nginx-service.sh
create mode 100755 nginx.sh
create mode 100755 testline.sh
create mode 100755 tomcat.sh
[batman@ip-172-31-2-182 test_script]$ |
```

>>Creating new script ,

committing it,

Checking logs

```
[batman@ip-172-31-2-182 test_script]$ git commit -m "added new script for checking latency of logs"
[master 12edc43] added new script for checking latency of logs
1 file changed, 19 insertions(+)
 create mode 100755 logtest.sh
[batman@ip-172-31-2-182 test_script]$
[batman@ip-172-31-2-182 test_script]$ git logs
git: 'logs' is not a git command. See 'git --help'.

The most similar command is
log
[batman@ip-172-31-2-182 test_script]$ git log
commit 12edc4339ae917d2faf45e868fbe632df436795f (HEAD -> master)
Author: syedf <syedfs9@outlook.com>
Date:   Wed Nov 6 06:35:57 2024 +0000

    added new script for checking latency of logs

commit 5b24909addd2d756105280d12614db7ee2fb0c89 (origin/master)
Author: Farsaan <syedfs97@outlook.com>
Date:   Tue Nov 5 13:01:11 2024 +0000

    All testing scripts
```

>>checking available addresses

```
[batman@ip-172-31-2-182 test_script]$ git remote -v
origin  git@github.com:f-sid/testrepo.git (fetch)
origin  git@github.com:f-sid/testrepo.git (push)
```

>>Adding remote origin ,  
Creating a key for ssh,  
pushing the files to github,  
Checking status,

```
+-----[SHA256]-----+
[batman@ip-172-31-2-182 test_script]$ cat .ssh/id
cat: .ssh/id: No such file or directory
[batman@ip-172-31-2-182 test_script]$ cd .ssh
bash: cd: .ssh: No such file or directory
[batman@ip-172-31-2-182 test_script]$ cd ..
[batman@ip-172-31-2-182 ~]$ ls
log_test.csv  test_script
[batman@ip-172-31-2-182 ~]$ cd .ssh/
[batman@ip-172-31-2-182 .ssh]$ ls
id_rsa  id_rsa.pub
[batman@ip-172-31-2-182 .ssh]$ cat id_rsa_pub
cat: id_rsa_pub: No such file or directory
[batman@ip-172-31-2-182 .ssh]$ cat id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQgQDY9uKSjzaVafKhs1AC3aEZKNPT+KwLFrflkAyeIwUCsd1cI/
hpsGZBTc1/e9koBZbUu1+Ty5khXVmBrqPr7cwUr7xU9UKPOUKMbF38takAMzIIQJcAiw0Kj6mPLSCwVh1IaDQY
j/mGqcyJ8glHiCkbw17NbHpGRhAnHQ2EE+m1ggQhZT78CTYs6cmWEExFkxZdkjvIHJLxnQMeFnE/8dNZcVgoua
Umr+BwXYjDjZW5Xfx3Rn61HmxntBwFR/jrk= batman@ip-172-31-2-182.ap-southeast-2.compute.int
[batman@ip-172-31-2-182 .ssh]$ ^C
[batman@ip-172-31-2-182 .ssh]$
[batman@ip-172-31-2-182 .ssh]$ cd
[batman@ip-172-31-2-182 ~]$ cd test_script/
[batman@ip-172-31-2-182 test_script]$ git push -u origin master
The authenticity of host 'github.com (4.237.22.38)' can't be established.
ED25519 key fingerprint is SHA256:+DiY3wvV6TuJJhbpZisF/zLDA0zPMSvHdkr4UvCoQU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Compressing objects: 100% (8/8), done.
Writing objects: 100% (8/8), 1.80 KiB | 1.80 MiB/s, done.
Total 8 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:f-sid/testrepo.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
[batman@ip-172-31-2-182 test_script]$ ls
calculator.sh  new_dir.sh  nginx-service.sh  nginx.sh  testline.sh  tomcat.sh
[batman@ip-172-31-2-182 test_script]$ git status
On branch master
Your branch is up to date with 'origin/master'.

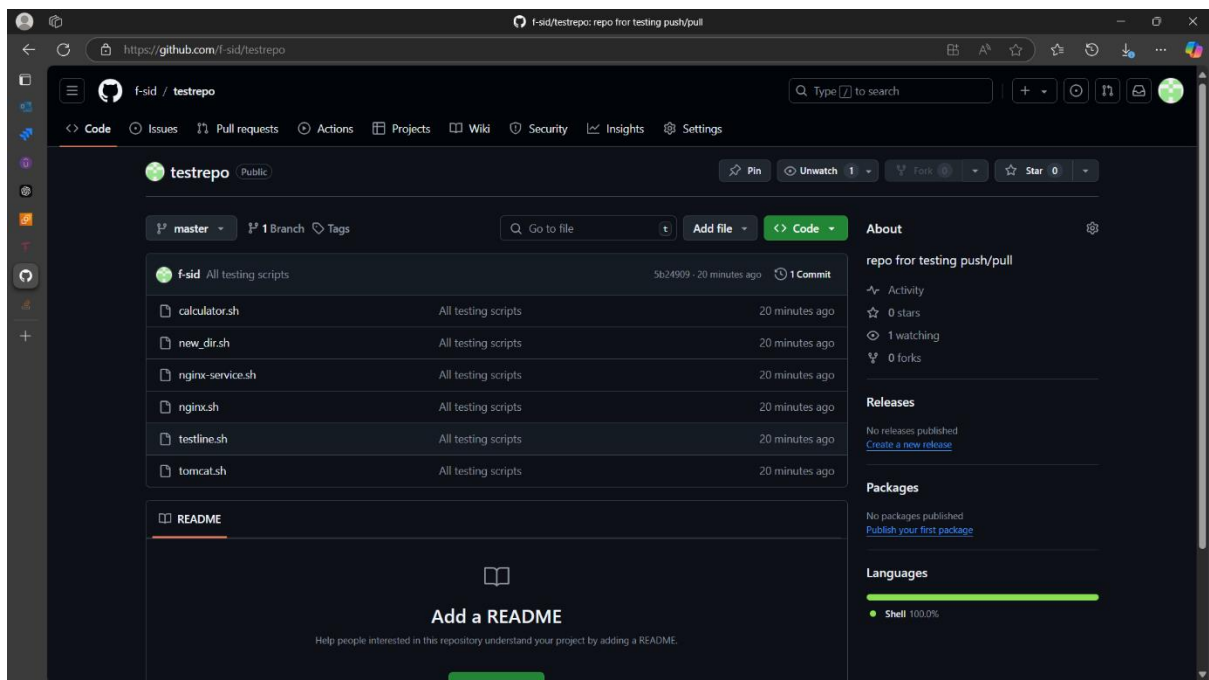
nothing to commit, working tree clean
[batman@ip-172-31-2-182 test_script]$ |
```

>>adding remote origin

```
[batman@ip-172-31-2-182 test_script]$ git remote add origin
git@github.com:f-sid/testrepo.git
```

>>creating a github account,

Checking for files pushed from server.



>>If want to revert back changes made we can use git revert <commit ID>

```
[batman@ip-172-31-2-182 test_script]$ ls
calculator.sh  nginx-service.sh  testline.sh
new_dir.sh    nginx.sh          tomcat.sh
[batman@ip-172-31-2-182 test_script]$ git log
commit 20b6c39d5834fdc31c830aebb1c45732bb1c4b68 (HEAD -> master, origin/master)
Author: syedf <syedfs9@outlook.com>
Date:   Wed Nov 6 06:58:16 2024 +0000

    Revert "added new script for checking latency of logs"

    This reverts commit 12edc4339ae917d2faf45e868f8e632df436795f.

commit 12edc4339ae917d2faf45e868f8e632df436795f
Author: syedf <syedfs9@outlook.com>
Date:   Wed Nov 6 06:35:57 2024 +0000

    added new script for checking latency of logs

commit 5b24909add2d756105280d12614db7ee2fb0c89
Author: Farsaan <syedfs97@outlook.com>
Date:   Tue Nov 5 13:01:11 2024 +0000

    All testing scripts
[batman@ip-172-31-2-182 test_script]$ git revert 20b6c39d58
[master 605570e] Revert "Revert "added new script for checking latency of logs""
1 file changed, 19 insertions(+)
create mode 100755 logtest.sh
[batman@ip-172-31-2-182 test_script]$ ls
calculator.sh  new_dir.sh    nginx.sh    tomcat.sh
logtest.sh    nginx-service.sh  testline.sh
```

