

Roll No : 22CDL125

Name : PIYUSH ANIL SHINDE

Git URL link : <https://github.com/mrsonu21/sonuproject1>

Experiment 1(A): Basic Git Commands (1 to 10)

- 1) Git add
- 2) Git branch
- 3) Git checkout
- 4) Git clean
- 5) Git clone
- 6) Git commit
- 7) git config
- 8) git fetch
- 9) git init
- 10) git log

```
C:\WINDOWS\system32\cmd. X + v
Microsoft Windows [Version 10.0.22631.2715]
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C:\Users\PIYUSH & AYUSH>e:

E:\>md sonu

E:\>cd sonu

E:\sonu>git init
Initialized empty Git repository in E:/sonu/.git/

E:\sonu>git add *

E:\sonu>git commit -m "java file created"
[master (root-commit) 1c42256] java file created
1 file changed, 1 insertion(+)
create mode 100644 sample.java

E:\sonu>git branch
* master

E:\sonu>git branch abranch

E:\sonu>git checkout

E:\sonu>git checkout abranch
Switched to branch 'abranchn'

E:\sonu>git branch
* abranchn
  master

E:\sonu>git log
commit 1c422563fb2ba73c897685ebd6613f886623f6eb (HEAD -> abranchn, master)
Author: mrsonu21 <ayushshinde824@gmail.com>
Date: Sun Nov 26 14:27:11 2023 +0530

    java file created

E:\sonu>
```

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```
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--recurse-submodules[=<pathspec>]
    initialize submodules in the clone
--recursive ...
    alias of --recurse-submodules
-j, --jobs <n>
    number of submodules cloned in parallel
--template <template-directory>
    directory from which templates will be used
--reference <repo>
    reference repository
--reference-if-able <repo>
    reference repository
--dissociate
    use --reference only while cloning
-o, --origin <name>
    use <name> instead of 'origin' to track upstream
-b, --branch <branch>
    checkout <branch> instead of the remote's HEAD
-u, --upload-pack <path>
    path to git-upload-pack on the remote
--depth <depth>
    create a shallow clone of that depth
--shallow-since <time>
    create a shallow clone since a specific time
--shallow-exclude <revision>
    deepen history of shallow clone, excluding rev
--single-branch
    clone only one branch, HEAD or --branch
--no-tags
    don't clone any tags, and make later fetches not to follow them
--shallow-submodules
    any cloned submodules will be shallow
--separate-git-dir <gitdir>
    separate git dir from working tree
-c, --config <key=value>
    set config inside the new repository
--server-option <server-specific>
    option to transmit
-4, --ipv4
    use IPV4 addresses only
-6, --ipv6
    use IPV6 addresses only
--filter <args>
    object filtering
--also-filter-submodules
    apply partial clone filters to submodules
--remote-submodules
    any cloned submodules will use their remote-tracking branch
--sparse
    initialize sparse-checkout file to include only files at root
--bundle-uri <uri>
    a URI for downloading bundles before fetching from origin remote

E:\sonu>git clone https://github.com/serenity-valley/game.git
Cloning into 'game'...
remote: Enumerating objects: 116, done.
Receiving objects: 100% (116/116), 94.99 KiB | 124.00 KiB/s, done.
Resolving deltas: 100% (60/60), done.

E:\sonu>git fetch

E:\sonu>git clean -n

E:\sonu>|
```