

TASK – 01

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```
91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance (main)
$ 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:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
core.usebuiltinfsmonitor=true
pull.rebase=false
credential.helper=manager-core
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=AravindMohan-01
user.email=ch.en.u4cys21006@ch.students.amrita.edu
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true
remote.origin.url=https://github.com/AravindMohan-01/Cognizance.git
remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
```

```
91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (main)
$ git add Commands.pdf
```

```
91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (main)
$ git checkout -b Jan
Switched to a new branch 'Jan'
```

```
91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (Jan)
$ git checkout -b Jake
Switched to a new branch 'Jake'
```

```
91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (master)
$ git checkout Jake
Switched to branch 'Jake'
```

```
91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (Jake)
$ git clone C:\Users\91811\source
Cloning into 'Users91811source'...
warning: You appear to have cloned an empty repository.
done.
```

```
91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (Jake)
$ git commit -m "Commit 1"
[Jake (root-commit) 3a335b4] Commit 1
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 TASK-1/Commands.pdf
```

```
91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (Jake)
$ git commit -a
On branch Jake
nothing to commit, working tree clean
```

```
91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (master)
$ git merge Jake
Already up to date.
```

```
91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance (master)
$ git push origin Jake
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 21.44 KiB | 7.15 MiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/AravindMohan-01/Cognizance.git
* [new branch]      Jake -> Jake
```

```

91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/C1 (master)
$ mkdir alpha

91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/C1 (master)
$ git init
Reinitialized existing Git repository in C:/Users/91811/Documents/C1/.git/

91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/C1 (master)
$ git pull https://github.com/AravindMohan-01/Cognizance.git
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 4 (delta 0), reused 4 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 21.42 KiB | 1.43 MiB/s, done.
From https://github.com/AravindMohan-01/Cognizance
 * branch                HEAD          -> FETCH_HEAD

91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/C1 (master)
$ git fetch
From https://github.com/AravindMohan-01/Cognizance
 * [new branch]          Jake          -> origin/Jake

```

```

91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (Jake)
$ git log -2
commit 3a335b4edaa1f681821ecd5b49a51f74450c4841 (HEAD -> Jake, origin/Jake)
Author: AravindMohan-01 <ch.en.u4cys21006@ch.students.amrita.edu>
Date: Mon Feb 14 12:36:08 2022 +0530

```

Commit 1

```

91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (Jake)
$ git rebase master
Successfully rebased and updated refs/heads/Jake.

```

```

91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (Jake)
$ git log -1
commit e65e0c03ecefbad3b1060b5dfb6be23b7b1d890 (HEAD -> Jake, master)
Author: AravindMohan-01 <ch.en.u4cys21006@ch.students.amrita.edu>
Date: Mon Feb 14 18:11:28 2022 +0530

```

C

```

91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (master)
$ git reflog
721293a (HEAD -> master, origin/master) HEAD@{0}: commit: CD
3a335b4 HEAD@{1}: reset: moving to 3a335b4edaa1f681821ecd5b49a51f74450c4841
e65e0c0 (origin/Jake, Jake) HEAD@{2}: checkout: moving from Jake to master
e65e0c0 (origin/Jake, Jake) HEAD@{3}: rebase (finish): returning to refs/heads/Jake
e65e0c0 (origin/Jake, Jake) HEAD@{4}: rebase (start): checkout master
3a335b4 HEAD@{5}: checkout: moving from master to Jake
e65e0c0 (origin/Jake, Jake) HEAD@{6}: commit: C
1beaa33 (origin/Jan, Jan) HEAD@{7}: reset: moving to HEAD
1beaa33 (origin/Jan, Jan) HEAD@{8}: commit: CH
79d0bf9 HEAD@{9}: reset: moving to HEAD
79d0bf9 HEAD@{10}: commit: New files
3a335b4 HEAD@{11}: reset: moving to HEAD
3a335b4 HEAD@{12}: checkout: moving from Jake to master
3a335b4 HEAD@{13}: commit (initial): Commit 1

91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (master)
$ git reset --hard e65e0c0
HEAD is now at e65e0c0 C

91811@LAPTOP-S1PMF4S6 MINGW64 ~/Documents/Cognizance/TASK-1 (master)
$ git reflog
e65e0c0 (HEAD -> master, origin/Jake, Jake) HEAD@{0}: reset: moving to e65e0c0
721293a (origin/master) HEAD@{1}: commit: CD
3a335b4 HEAD@{2}: reset: moving to 3a335b4edaa1f681821ecd5b49a51f74450c4841
e65e0c0 (HEAD -> master, origin/Jake, Jake) HEAD@{3}: checkout: moving from Jake to master
e65e0c0 (HEAD -> master, origin/Jake, Jake) HEAD@{4}: rebase (finish): returning to refs/heads/Jake
e65e0c0 (HEAD -> master, origin/Jake, Jake) HEAD@{5}: rebase (start): checkout master
3a335b4 HEAD@{6}: checkout: moving from master to Jake
e65e0c0 (HEAD -> master, origin/Jake, Jake) HEAD@{7}: commit: C
1beaa33 (origin/Jan, Jan) HEAD@{8}: reset: moving to HEAD
1beaa33 (origin/Jan, Jan) HEAD@{9}: commit: CH
79d0bf9 HEAD@{10}: reset: moving to HEAD
79d0bf9 HEAD@{11}: commit: New files
3a335b4 HEAD@{12}: reset: moving to HEAD
3a335b4 HEAD@{13}: checkout: moving from Jake to master
3a335b4 HEAD@{14}: commit (initial): Commit 1

```