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Section: 'B'

Task-1

## 1. Create Repository

```
DELL@Smile MINGW64 ~/OneDrive/Desktop/git config
$ git init
Initialized empty Git repository in C:/Users/DELL/OneDrive/Desktop/git config/.git/

DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (main)
$ git add Task1

DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (main)
$ git remote add origin https://github.com/92laxmi/Cognizance.git

DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (main)
$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/92laxmi/Cognizance.git'

DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (main)
$ git commit -m "initial"
[main (root-commit) f0b7d08] initial
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Task1/Laxmi.txt
create mode 100644 Task1/Task1.txt

DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (main)
$ git remote add origin https://github.com/92laxmi/Cognizance.git
error: remote origin already exists.

DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (main)
$ git push -u origin main
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
```

## 2. Git add :

```
DELL@Smile MINGW64 ~/OneDrive/Desktop/git conf
$ touch file.txt

DELL@Smile MINGW64 ~/OneDrive/Desktop/git conf
```

### 3. Git checkout

```
DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (Laxmi)
$ git checkout main
Already on 'main'
A       file.txt
Your branch is up to date with 'origin/main'.

DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (Laxmi)
$ git checkout-b Laxmi
git: 'checkout-b' is not a git command. See 'git --help'

DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (Laxmi)
```

### 4. Git clone

```
DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (Laxmi)
$ git clone https://github.com/92laxmi/Cognizance.git
Cloning into 'Cognizance'...
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-
```

### 5. Git commit

```
[Laxmi 0d60531] CHANGES MADE
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 khushi.txt

DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (Laxmi)
$ .....
```

## 6. Git commit -a

```
[Laxmi 0ff4aa8] CHANGES MADE
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 rohit.txt
create mode 100644 suman.txt
DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (L
```

## 7. Git fetch

```
DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (L
$ git fetch origin
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack
Unpacking objects: 100% (4/4), 694 bytes | 31.00 Ki
From https://github.com/92laxmi/Cognizance
   f0b7d08..5cd4f1f  main       -> origin/main
DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (L
```

## 8. Git merge

```
DELL@Smile MINGW64 ~/OneDrive/Desktop/git confi
$ git merge Laxmi
Updating f0b7d08..6c71e86
Fast-forward
 anu.txt      | 0
 file.txt     | 0
 khusi.txt    | 0
 rohit.txt    | 0
 suman.txt    | 0
5 files changed, 0 insertions(+), 0 deletions(
create mode 100644 anu.txt
create mode 100644 file.txt
```

## 9. Git pull

```
DELL@Smile MINGW64 ~/OneDrive/Desktop/git config
$ git pull
Merge made by the 'ort' strategy.
 Task1/Laxmi.txt | 1 +
 1 file changed, 1 insertion(+)
```

## 10. Git push

```
DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (main)
$ git push
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% (2/2), 319 bytes | 319.00 KiB/s, done
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object
To https://github.com/92laxmi/Cognizance.git
 5cd4f1f..51bb0a0 main -> main
```



## 11. Git reset

```
DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (main)
$ git reset --hard
HEAD is now at 51bb0a0 Merge branch 'main' of https://github.com/92laxmi,
```

## 12. Git rebase

```
DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (main)
$ git rebase main
Current branch main is up to date.
```

## 13. Git config

```
DELL@Smile MINGW64 ~/OneDrive/Desktop/git config (main)
$ git config --list -show -origin
error: did you mean '--show' (with two dashes)
```

## 14. Fork

The screenshot shows the GitHub interface for a repository named 'Cognizance-1' by user '92laxmi'. The repository is public and forked from 'AbinandhiniDM/Cognizance'. The top navigation bar includes links for Code, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the navigation bar, the repository is shown to be up to date with the 'master' branch of the parent repository. A commit history table is visible, showing a commit by 'AbinandhiniDM' titled 'Delete html.txt' with a commit hash of '5a8406b'. Below the commit history, there is a section for 'Task 1' with the description 'Delete html.txt'. At the bottom, there is a blue box with the text: 'Help people interested in this repository understand your project by adding a README.'