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DEPARTMENT: COMPUTER SCIENCE AND
ENGINEERING

COGNIZANCE TASK -1

1. Username and email config:

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~  
$ whoami  
Jyoshika
```

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~  
$ git config --global User.name "Jyoshika Shri"  
  
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~  
$ git config --global User.email "jyoshika11@gmail.com"  
  
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~  
$ git config --global User.name  
Jyoshika Shri  
  
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~  
$ git config --global User.email  
jyoshika11@gmail.com  
  
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~  
$ pwd  
/c/Users/Jyoshika
```

2. Creating a Repository

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~  
$ mkdir Cognizance  
  
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~  
$ cd Cognizance  
  
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance  
$ ls  
  
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance  
$ cd ..
```

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~  
$ ls  
'3D Objects'/      Cookies@      IntelGraphicsProfiles/  
AppData/           Desktop/     Links/  
'Application Data'@ Documents/   'Local Settings'@  
Cognizance/        Downloads/   Music/  
Contacts/          Favorites/   'My Documents'@
```

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~  
$ cd Cognizance  
  
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance  
$ git init  
Initialized empty Git repository in C:/Users/Jyoshika/Cognizance/.git/  
  
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)  
$ ls  
  
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)  
$ ls -a  
./ ../ .git/
```

3. Git add

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)  
$ git add Task-1
```

4. Git status

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   Task-1
```

5.git commit

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)
$ git commit -m "my first commit from laptop"
[master 3b39c5e] my first commit from laptop
1 file changed, 1 insertion(+)
```

6.git push

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)
$ git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 317 bytes | 317.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Jyoshika11/Cognizance.git
   afb2446..3b39c5e  master -> master
```

7.creating a branch

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)
$ git branch 1file
```

8. git checkout

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)
$ git checkout 1file
Switched to branch '1file'
```

9.git checkout -b

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (1file)
$ git checkout -b 2file
Switched to a new branch '2file'
```

10.git merge

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (1file)
$ git merge master
Already up to date.
```

11.git pull

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (1file)
$ git pull origin master
From https://github.com/Jyoshika11/Cognizance
 * branch          master      -> FETCH_HEAD
Already up to date.
```

12.git reset

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (1file)
$ git reset --soft
```

13.git rebase

```

Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)
$ git checkout 2file
Switched to branch '2file'

Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (2file)
$ touch texts

Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (2file)
$ git add texts

Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (2file)
$ git commit -m"4th commit"
[2file bc60780] 4th commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 texts

Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (2file)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)
$ git rebase 2file
Successfully rebased and updated refs/heads/master.

```

14.git fetch

```

Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)
$ git fetch

```

15.git clone

```

Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~
$ git clone https://github.com/Jyoshika11/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

```

16.git commit -a

MINGW64:/c/Users/Jyoshika/Cognizance

[illegible]

```

jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)
$ git commit -a
[master c1c1a56] this is the new text file
1 file changed, 1 insertion(+)

```

17.git log

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)
$ git log
commit e210baa25a2b9797cf026dd0c48ffb64d8ac7eb0 (HEAD -> master)
Author: Jyoshika Shri <jyoshika11@gmail.com>
Date: Tue Feb 15 12:43:48 2022 +0530

hello
```

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)
$ git log -p -1
commit e210baa25a2b9797cf026dd0c48ffb64d8ac7eb0 (HEAD -> master)
Author: Jyoshika Shri <jyoshika11@gmail.com>
Date: Tue Feb 15 12:43:48 2022 +0530

hello

diff --git a/Task-1 b/Task-1
new file mode 100644
index 0000000..e69de29
```

19. git config --list --show-origin

```
Jyoshika@LAPTOP-8J4VSGTR MINGW64 ~/Cognizance (master)
$ git config --list --show-origin
file:C:/Program Files/Git/etc/gitconfig diff.astextplain.textconv=astextplain
file:C:/Program Files/Git/etc/gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Program Files/Git/etc/gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Program Files/Git/etc/gitconfig filter.lfs.process=git-lfs filter-process
file:C:/Program Files/Git/etc/gitconfig filter.lfs.required=true
file:C:/Program Files/Git/etc/gitconfig http.sslbackend=openssl
file:C:/Program Files/Git/etc/gitconfig http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
file:C:/Program Files/Git/etc/gitconfig core.autocrlf=true
file:C:/Program Files/Git/etc/gitconfig core.fscache=true
file:C:/Program Files/Git/etc/gitconfig core.symlinks=false
file:C:/Program Files/Git/etc/gitconfig pull.rebase=false
file:C:/Program Files/Git/etc/gitconfig credential.helper=manager-core
file:C:/Program Files/Git/etc/gitconfig credential.https://dev.azure.com.usehttppath=true
file:C:/Program Files/Git/etc/gitconfig init.defaultbranch=master
file:C:/Users/Jyoshika/.gitconfig user.name=Jyoshika Shri
file:C:/Users/Jyoshika/.gitconfig user.email=jyoshika11@gmail.com
file:./git/config core.repositoryformatversion=0
file:./git/config core.filemode=false
file:./git/config core.bare=false
file:./git/config core.logallrefupdates=true
file:./git/config core.symlinks=false
file:./git/config core.ignorecase=true
file:./git/config remote.origin.url=https://github.com/Jyoshika11/Cognizance.git
file:./git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
file:./git/config branch.master.remote=origin
file:./git/config branch.master.merge=refs/heads/master
```