COGNIZANCE

TASK 1

Creating a new repository


```
MINGW64:/c/Users/GAYATHRI SATWIKA/desktop/cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~
$ cd desktop

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop
$ mkdir cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop
$ cd cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance
$ git init
Initialized empty Git repository in C:/Users/GAYATHRI SATWIKA/Desktop/cognizance/.git/

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (master)
$
```

2. Git add:


```
MINGW64:/c/Users/GAYATHRI SATWIKA/desktop/cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (master)
$ touch sample.txt

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (master)
$ git add sample.txt

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   sample.txt


GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (master)
$
```

3. git status:

```
MINGW64:/c/Users/GAYATHRI SATWIKA/desktop/cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:    sample.txt


GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (master)
$
```

4. git commit:


```
MINGW64:/c/Users/GAYATHRI SATWIKA/desktop/cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (master)
$ git commit -m "hello"
[master (root-commit) 454889e] hello
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 sample.txt

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (master)
$ |
```

5.git checkout:


```
MINGW64:/c/Users/GAYATHRI SATWIKA/desktop/cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (master)
$ git checkout -b main
Switched to a new branch 'main'

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (main)
$ |
```

6.git checkout -b:

```
MINGW64:/c/Users/GAYATHRI SATWIKA/desktop/cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (main)
$ git checkout -b space
Switched to a new branch 'space'

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$
```

7.git clone


```
MINGW64:/c/Users/GAYATHRI SATWIKA/desktop/cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ git clone ^https://github.com/ReFirmLabs/binwalk.git
Cloning into 'binwalk'...
fatal: protocol '^https' is not supported

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ git clone https://github.com/ReFirmLabs/binwalk.git
Cloning into 'binwalk'...
remote: Enumerating objects: 8504, done.
remote: Counting objects: 100% (186/186), done.
remote: Compressing objects: 100% (100/100), done.
remote: Total 8504 (delta 96), reused 146 (delta 84), pack-reused 8318
Receiving objects: 100% (8504/8504), 44.12 MiB | 8.26 MiB/s, done.
Resolving deltas: 100% (4920/4920), done.

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ |
```

8.   git commit -a:


```
MINGW64:/c/Users/GAYATHRI SATWIKA/desktop/cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ git commit -a
On branch space
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        binwalk/

nothing added to commit but untracked files present (use "git add" to track)

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$
```



```
MINGW64:/c/Users/GAYATHRI SATWIKA/desktop/cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ git commit -a
On branch space
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        binwalk/

nothing added to commit but untracked files present (use "git add" to track)

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ git push originl master
Everything up-to-date

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ |
```

9.   git push:

```
GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/Desktop/cognizance (master)
$ git checkout space
Switched to branch 'space'

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/Desktop/cognizance (space)
$ git push --set-upstream origin space
fatal: 'origin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/Desktop/cognizance (space)
$ git push --set-upstream originl space
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 244 bytes | 244.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'space' on GitHub by visiting:
remote:        https://github.com/satwikamatangi/cognizance/pull/new/space
remote:
To https://github.com/satwikamatangi/cognizance.git
 * [new branch]      space -> space
branch 'space' set up to track 'originl/space'.

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/Desktop/cognizance (space)
$
```
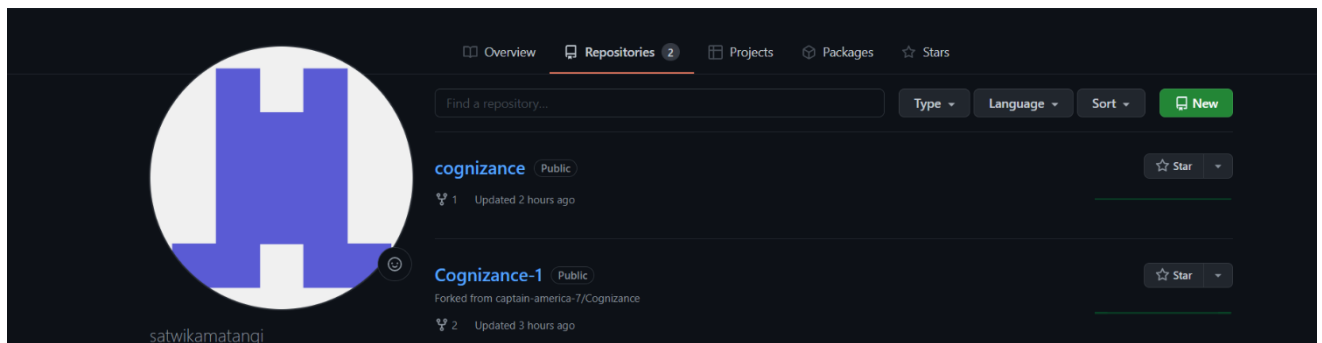
MINGW64:/c/Users/GAYATHRI SATWIKA/desktop/cognizance

```
GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ git push originl master
Everything up-to-date

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ |
```

10. git merge:

```
GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ git merge space
Already up to date.

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ |
```

11. git pull:

```
MINGW64:/c/Users/GAYATHRI SATWIKA/desktop/cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ git pull
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.

    git pull <remote> <branch>

If you wish to set tracking information for this branch you can do so with:

    git branch --set-upstream-to=origin1/<branch> space


GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ |
```

12. git reset:


```
GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ git reset head sample.txt

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/desktop/cognizance (space)
$ |
```

13. git rebase:


```
MINGW64:/c/Users/GAYATHRI SATWIKA/Desktop/cognizance

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/Desktop/cognizance (space)
$ git rebase main
Current branch space is up to date.

GAYATHRI SATWIKA@DESKTOP-CRALA8E MINGW64 ~/Desktop/cognizance (space)
$
```

14.fork :

15.git config –list –show: