

COGNIZANCE CLUB

TASK-1

NAME: kanakala sri harika

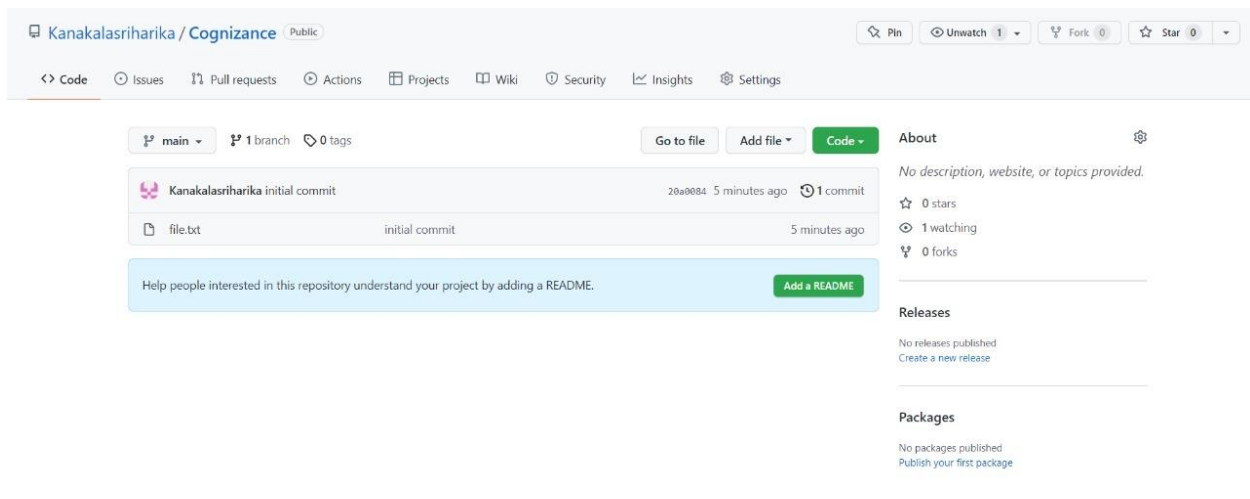
CLASS:CSE-C

ROLLNO:21223

1. Create a repository with name “Cognizance” on GitHub using Git Bash.

MINGW64/c/Users/lenovo/desktop/Cognizance

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~  
$ cd desktop  
  
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop  
$ mkdir Cognizance  
  
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop  
$ cd Cognizance  
  
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance  
$ git init  
Initialized empty Git repository in C:/Users/lenovo/Desktop/Cognizance/.git/  
  
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (master)  
$ touch file.txt  
  
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (master)  
$ ls  
file.txt  
  
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (master)  
$ git add .  
  
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (master)  
$ git commit -m "initial commit"  
[master (root-commit) 20a0084] initial commit  
1 file changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 file.txt  
  
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (master)  
$ git branch -M main  
  
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)  
$ git remote add origin https://github.com/Kanakalasriharika/Cognizance.git  
  
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)  
$ git push -u origin main  
Enumerating objects: 3, done.  
Counting objects: 100% (3/3), done.  
Writing objects: 100% (3/3), 216 bytes | 108.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0  
To https://github.com/Kanakalasriharika/Cognizance.git  
* [new branch]      main -> main  
branch 'main' set up to track 'origin/main'.
```



2. Create a folder with name “Task-1” in the repository and perform the Git operations using Git Bash.

CREATING FOLDER , git add, git commit

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ mkdir Task-1

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ ls
Task-1/  file.txt

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git add .

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git commit -m "new folder"
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git log
commit 20a00840031503d68bb62d020e85934965af620d (HEAD -> main, origin/main)
Author: Kanakalasriharika <sriharikakanakala1@gmail.com>
Date: Tue Feb 15 15:49:58 2022 +0530

    initial commit
```

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ touch script.py

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ touch website.html

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        script.py
        website.html

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

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git add .

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   script.py
        new file:   website.html

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git rm -f script.py
rm 'script.py'

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   website.html
```

```

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git add .

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   script.py
        new file:   website.html

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git commit
[main c23d446] new commit
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 script.py
 create mode 100644 website.html

```

git Checkout, git checkout -b

```

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git checkout -b branch
Switched to a new branch 'branch'

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (branch)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git branch -a
  branch
* main
  remotes/origin/main

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git checkout branch
Switched to branch 'branch'

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (branch)
$ git branch -a
* branch
  main
  remotes/origin/main

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (branch)
$ git commit-m "new branches"
git: 'commit-m' is not a git command. See 'git --help'.

The most similar command is
    commit-tree

```


git status,git branch,git branch-a

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (branch)
$ git commit -m "new branches"
On branch branch
nothing to commit, working tree clean

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (branch)
$ git status
On branch branch
nothing to commit, working tree clean

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (branch)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git branch harika

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git checkout harks
error: pathspec 'harks' did not match any file(s) known to git

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git checkout harika
Switched to branch 'harika'

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (harika)
$ git status
On branch harika
nothing to commit, working tree clean

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (harika)
$ git branch -a
branch
* harika
main
remotes/origin/main
```

git clone

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git clone https://github.com/srikanthpragada/c_language.git
Cloning into 'c_language'...
remote: Enumerating objects: 495, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 495 (delta 1), reused 0 (delta 0), pack-reused 489
Receiving objects: 100% (495/495), 157.13 KiB | 614.00 KiB/s, done.
Resolving deltas: 100% (181/181), done.

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 264 bytes | 132.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Kanakalasriharika/Cognizance.git
 20a0084..c23d446  main -> main
```

git log

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main|MERGING)
$ git log
commit 3cf3dde779e454e77f67f0fdab8cb1506ccb9950 (HEAD -> main)
Author: Kanakalasriharika <sriharikakanakala1@gmail.com>
Date: Tue Feb 15 18:16:27 2022 +0530
```

new file

```
commit c23d44695f744ee40b90b9bd3d912b20ef20fa0f
Author: Kanakalasriharika <sriharikakanakala1@gmail.com>
Date: Tue Feb 15 16:43:32 2022 +0530
```

new commit

```
commit 20a00840031503d68bb62d020e85934965af620d (harika, branch)
Author: Kanakalasriharika <sriharikakanakala1@gmail.com>
Date: Tue Feb 15 15:49:58 2022 +0530
```

initial commit

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main|MERGING)
$ git reset c23d44695f744ee40b90b9bd3d912b20ef20fa0f
Unstaged changes after reset:
M   file.txt
```

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git og
git: 'og' is not a git command. See 'git --help'.
```

The most similar command is
log

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git log
commit c23d44695f744ee40b90b9bd3d912b20ef20fa0f (HEAD -> main)
Author: Kanakalasriharika <sriharikakanakala1@gmail.com>
Date: Tue Feb 15 16:43:32 2022 +0530
```

new commit

```
commit 20a00840031503d68bb62d020e85934965af620d (harika, branch)
Author: Kanakalasriharika <sriharikakanakala1@gmail.com>
Date: Tue Feb 15 15:49:58 2022 +0530
```

initial commit

git merge

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git status
On branch main
Your branch is behind 'origin/main' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   c_language

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    c_language

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git add .

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git status
On branch main
Your branch is behind 'origin/main' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

nothing to commit, working tree clean

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git merge branch1
Updating c23d446..862bde1
Fast-forward
 c_language | 1 +
 file.txt   | 5 +++++
 file2.txt  | 1 +
 file3.txt  | 1 +
 4 files changed, 8 insertions(+)
 create mode 160000 c_language
 create mode 100644 file2.txt
 create mode 100644 file3.txt
```

git pull

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git pull
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (6/6), 1.76 KiB | 5.00 KiB/s, done.
From https://github.com/Kanakalasriharika/Cognizance
   0a15b3b..23b4796  main       -> origin/main
Merge made by the 'ort' strategy.
```

git fetch

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git fetch
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 685 bytes | 3.00 KiB/s, done.
From https://github.com/Kanakalasriharika/Cognizance
 8ceaed7..0a15b3b  main      -> origin/main
```

git rebase

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git checkout -b null
Switched to a new branch 'null'

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (null)
$ touch a1.txt

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (null)
$ touch a2.txt

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (null)
$ touch a3.txt

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (null)
$ git add .

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (null)
$ git commit -m "added files to null branch"
[null c321446] added files to null branch
3 files changed, 3 insertions(+)
create mode 100644 a1.txt
create mode 100644 a2.txt
create mode 100644 a3.txt

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (null)
$ git status
On branch null
nothing to commit, working tree clean

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (null)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git rebase null
Successfully rebased and updated refs/heads/main.
```

git reset

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main|MERGING)
$ git log
commit b736429107ba6bfd5ccd4ac3356c2028629f50 (HEAD -> main)
Author: Kanakalasriharika <sriharikakanakala1@gmail.com>
Date: Tue Feb 15 18:56:12 2022 +0530

    adding task-1

commit 862bde199db83ebdc89739aacb5fcca5d9be50 (branch1)
Author: Kanakalasriharika <sriharikakanakala1@gmail.com>
Date: Tue Feb 15 18:44:27 2022 +0530

    added some functions

commit c23d44695f744ee40b90b9bd3d912b20ef20fa0f
Author: Kanakalasriharika <sriharikakanakala1@gmail.com>
Date: Tue Feb 15 16:43:32 2022 +0530

    new commit

commit 20a00840031503d68bb62d020e85934965af620d (harika, branch)
Author: Kanakalasriharika <sriharikakanakala1@gmail.com>
Date: Tue Feb 15 15:49:58 2022 +0530

    initial commit

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main|MERGING)
$ git reset c23d44695f744ee40b90b9bd3d912b20ef20fa0f
Unstaged changes after reset:
M   file.txt
```

git commit -m

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git commit -m "added folder"
[main e94f969] added folder
1 file changed, 1 insertion(+)
create mode 100644 Task-1/a.txt

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 336 bytes | 336.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Kanakalasriharika/Cognizance.git
e998e74..e94f969 main -> main
```

git commit -a

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ touch test2.txt

lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ git commit -a
[main 92adfea] commit-a
5 files changed, 12 insertions(+)
create mode 100644 Task-1/test.txt
create mode 100644 file2.txt
create mode 100644 file3.txt
delete mode 100644 website.html
```


git fork

Kanakalasriharika / **adv-mini-project-sf-sapi** Public

forked from [wikyprash/adv-mini-project-sf-sapi](#)

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main
 1 branch
 0 tags

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This branch is up to date with [wikyprash:main](#).

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wikyprash init

52b8a3a on Dec 27, 2021 1 commit

src	init	2 months ago
.gitignore	init	2 months ago
mule-artifact.json	init	2 months ago
pom.xml	init	2 months ago


Help people interested in this repository understand your project by adding a README.


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 main


 1 branch

 0 tags


[Go to file](#)

[Add file](#)

[Code](#)


 Kanakalasriharika added folder

e94f969 1 hour ago 10 commits

 Task-1

added folder

1 hour ago

 file1.txt

just added 1 file

1 hour ago

Help people interested in this repository understand your project by adding a README.

[Add a README](#)

3. Upload the screenshot of the git bash using This command in your computer.

```
lenovo@DESKTOP-8R5GB30 MINGW64 ~/desktop/Cognizance (main)
$ 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/lenovo/.gitconfig user.name=Kanakalasriharika
file:C:/Users/lenovo/.gitconfig user.email=sriharikakanakala1@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/Kanakalasriharika/Cognizance.git
file:.git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
file:.git/config branch.main.remote=origin
file:.git/config branch.main.merge=refs/heads/main
```