

COGNIZANCE CLUB

TASK-1

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CLASS: CSE-A

ROLLNO: 21009

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

```
MINGW64:/c/Users/wikyp/desktop/Cognizance

wikyp@DESKTOP-BFM8RSM MINGW64 ~
$ cd desktop

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop
$ mkdir Cognizance

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop
$ cd Cognizance

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance
$ git init
Initialized empty Git repository in C:/Users/wikyp/Desktop/Cognizance/.git/

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ touch file.txt

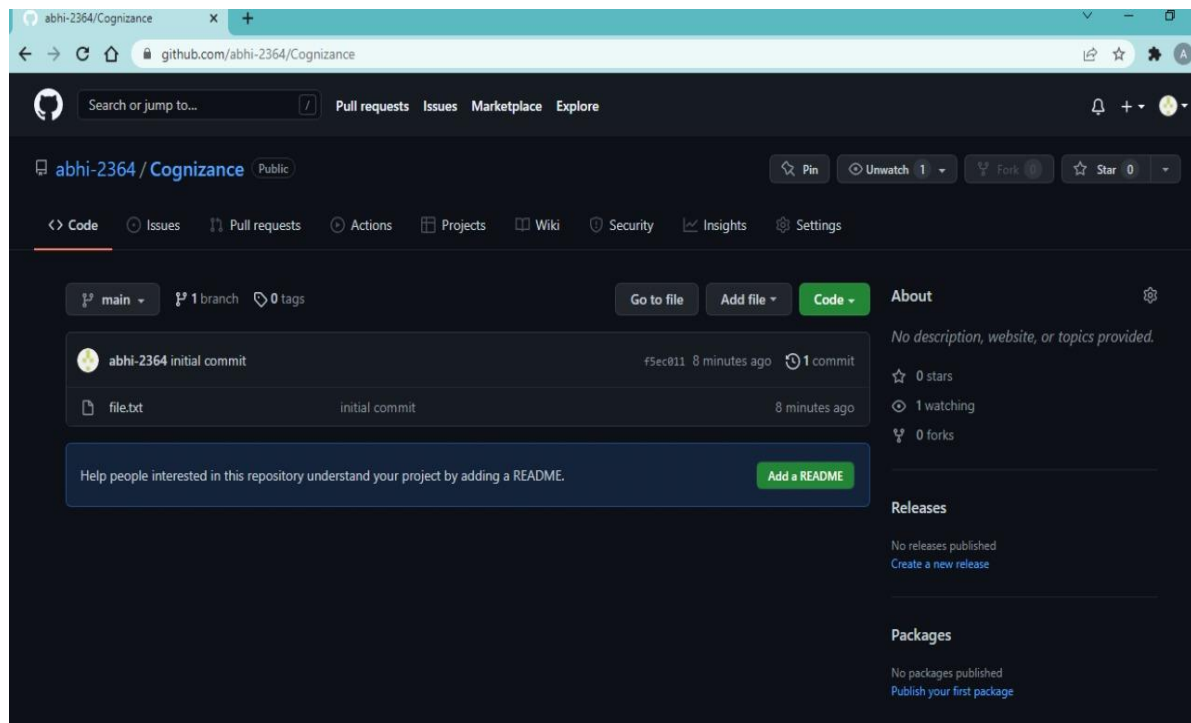
wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git add .
```

```
wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git commit -m "initial commit"
[main (root-commit) f5ec011] initial commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file.txt

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git branch -M main

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git remote add origin https://github.com/abhi-2364/Cognizance.git

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 215 bytes | 215.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/abhi-2364/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, git push

```
wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ mkdir Task-1

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ ls
Task-1/  file.txt

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git add .

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git commit -m "added a folder"
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 276 bytes | 276.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/abhi-2364/Cognizance.git
f5ec011..b29e527  main -> main
```

git Checkout, git checkout -b

```
wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git checkout -b branch1
Switched to a new branch 'branch1'

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (branch1)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git branch experiment

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git branch -a
  branch1
  experiment
* main
  remotes/origin/main

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git checkout branch1
Switched to branch 'branch1'

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (branch1)
$ git branch -a
* branch1
  experiment
  main
  remotes/origin/main

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (branch1)
$ git commit -m "added branches"
On branch branch1
nothing to commit, working tree clean

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (branch1)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
```


git status,git log

```
MINGW64:/c:/Users/wikyp/desktop/Cognizance
wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ touch file2.txt

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ touch file3.txt

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git add .

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git commit -m "added 2 more files"
[main 69840c0] added 2 more files
 2 files changed, 2 insertions(+)
 create mode 100644 file2.txt
 create mode 100644 file3.txt

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git log
commit 69840c0d26e2cfd9095db6e27deb7d0d2dbbbc48 (HEAD -> main)
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date:   Tue Feb 15 12:16:50 2022 +0530

    added 2 more files

commit b29e52751dfa4b2121178ec096332d81514d290f (origin/main, experiment, branch1)
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date:   Tue Feb 15 11:54:20 2022 +0530

    added a folder

commit f5ec011e20abe6ab06aa30924902bd602a2d12b3
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date:   Tue Feb 15 10:47:13 2022 +0530

    initial commit
```

git clone

```
wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git clone https://github.com/wikyprash/Automations.git
Cloning into 'Automations'...
remote: Enumerating objects: 2149, done.
remote: Counting objects: 100% (2149/2149), done.
remote: Compressing objects: 100% (1739/1739), done.
remote: Total 2149 (delta 358), reused 2120 (delta 341), pack-reused 0
Receiving objects: 99% (2128/2149), 1
Receiving objects: 100% (2149/2149), 14.88 MiB | 1.56 MiB/s, done.
Resolving deltas: 100% (358/358), done.
```

git merge

```
wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git checkout experiment
Switched to branch 'experiment'

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (experiment)
$ git status
On branch experiment
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:    Automations
    modified:   file.txt

no changes added to commit (use "git add" and/or "git commit -a")

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (experiment)
$ git add .

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (experiment)
$ git commit -m "modified"
[experiment 723a825] modified
 2 files changed, 2 insertions(+), 3 deletions(-)
 delete mode 160000 Automations

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (experiment)
$ git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git merge experiment
Merge made by the 'ort' strategy.
 file.txt | 3 ++-
 1 file changed, 2 insertions(+), 1 deletion(-)
```

git pull

```
wikyp@DESKTOP-BFM8RSM MINGW64 ~/desktop/Cognizance (main)
$ git pull
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 786 bytes | 37.00 KiB/s, done.
From https://github.com/abhi-2364/Cognizance
   875de08..a35111a  main       -> origin/main
Updating 875de08..a35111a
Fast-forward
 Task-1/he.css | 1 +
 1 file changed, 1 insertion(+)
```

git fetch

```
wikyp@DESKTOP-BFM8RSM 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 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 668 bytes | 26.00 KiB/s, done.
From https://github.com/abhi-2364/Cognizance
   cfc2c8b..359f70f  main       -> origin/main
```

git rebase


```
MINGW64:/c/Users/wikyp/Desktop/cognizance
wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (main)
$ git checkout -b void
Switched to a new branch 'void'

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (void)
$ touch a.txt

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (void)
$ touch b.py

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (void)
$ touch c.c

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (void)
$ start .

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (void)
$ git add .

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (void)
$ git commit -m "added some files in new void branch"
[void 4727fa3] added some files in new void branch
 3 files changed, 7 insertions(+)
 create mode 100644 a.txt
 create mode 100644 b.py
 create mode 100644 c.c

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (void)
$ git status
On branch void
nothing to commit, working tree clean

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (void)
$ git checkout main
Switched to branch 'main'
```

```
wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (main)
$ git status
On branch main
Your branch is behind 'origin/main' by 8 commits, and can be fast-forwarded.
  (use "git pull" to update your local branch)

nothing to commit, working tree clean

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (main)
$ git rebase void
Successfully rebased and updated refs/heads/main.
```


git reset

```
wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (main)
$ git log
commit 875de08ac029bd9cdfac985b36bd4e37d66997d5 (HEAD -> main)
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date: Tue Feb 15 14:00:41 2022 +0530

    added task1

commit e9ce46951d7d257c36f8a11cad6674fef2853bb1
Merge: 69840c0 723a825
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date: Tue Feb 15 13:00:52 2022 +0530

    Merge branch 'experiment'

commit 723a825dba70572c163875d880b143b48b1f0691 (experiment)
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date: Tue Feb 15 12:58:31 2022 +0530

    modified

commit 9fbee18b3824a690eabf98000f4e99946a1385c8
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date: Tue Feb 15 12:35:47 2022 +0530

    added automations

commit 69840c0d26e2cfd9095db6e27deb7d0d2dbbbc48
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date: Tue Feb 15 12:16:50 2022 +0530

    added 2 more files

commit b29e52751dfa4b2121178ec096332d81514d290f (branch1)
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date: Tue Feb 15 11:54:20 2022 +0530

    added a folder
```

```

commit f5ec011e20abe6ab06aa30924902bd602a2d12b3

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (main)
$ git reset 9fbee18b3824a690eabf98000f4e99946a1385c8
Unstaged changes after reset:
D      Automations
M      file.txt

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/cognizance (main)
$ git log
commit 9fbee18b3824a690eabf98000f4e99946a1385c8 (HEAD -> main)
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date:   Tue Feb 15 12:35:47 2022 +0530

    added automations

commit b29e52751dfa4b2121178ec096332d81514d290f (branch1)
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date:   Tue Feb 15 11:54:20 2022 +0530

    added a folder

commit f5ec011e20abe6ab06aa30924902bd602a2d12b3
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date:   Tue Feb 15 10:47:13 2022 +0530

    initial commit

```

git commit -a

```

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/Cognizance (main)
$ touch newfile.txt

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/Cognizance (main)
$ git commit -a
hint: Waiting for your editor to close the file... unix2dos: converting file C:/Users/wikyp/Desktop/Cognizance/.git/COMMIT_EDITMSG to DOS format...
dos2unix: converting file C:/Users/wikyp/Desktop/Cognizance/.git/COMMIT_EDITMSG to Unix format...
[main 311ac41] giving commith with -a
 3 files changed, 1 insertion(+)
 create mode 100644 .swp
 create mode 100644 newfile.txt

wikyp@DESKTOP-BFM8RSM MINGW64 ~/Desktop/Cognizance (main)
$ git log
commit 311ac41d6b2868653dc4f89faf4bf29de1c84239 (HEAD -> main)
Author: abhi-2364 <abhiayyapasetti@gmail.com>
Date:   Tue Feb 15 15:54:26 2022 +0530

    giving commith with -a

```

git fork

The screenshot shows a GitHub repository page for 'abhi-2364 / face-detection'. The repository is a fork of 'wikyprash/face-detection'. The page includes a navigation bar with links to Pull requests, Issues, Marketplace, and Explore. Below the repository name, there are buttons for Pin, Watch (0), Fork (1), and Star (0). The main content area shows the repository's file structure, including 'face_detection.py', 'haarcascade_eye.xml', and 'haarcascade_frontalface_default.xml'. The right sidebar contains sections for About, Releases, and Packages.

github.com/abhi-2364/face-detection

Search or jump to... Pull requests Issues Marketplace Explore

abhi-2364 / face-detection Public

forked from wikyprash/face-detection

Pin Watch 0 Fork 1 Star 0

Code Pull requests Actions Projects Wiki Security Insights Settings

master 1 branch 0 tags

Go to file Add file Code

This branch is up to date with wikyprash:master. Contribute Fetch upstream

prashwiki face detection 279c66d on Aug 6, 2019 1 commit

face_detection.py	face detection	3 years ago
haarcascade_eye.xml	face detection	3 years ago
haarcascade_frontalface_default.xml	face detection	3 years ago

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

About No description, website, or topics provided. 0 stars 0 watching 1 fork

Releases No releases published Create a new release

Packages No packages published Publish your first package

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

```
MINGW64/c/Users/wikyp/Desktop/cognizance
wikyp@DESKTOP-BFM8RSM 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 core.usebuiltinfsmonitor=true
file:C:/Program Files/Git/etc/gitconfig core.editor=notepad
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=main
file:C:/Users/wikyp/.gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Users/wikyp/.gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Users/wikyp/.gitconfig filter.lfs.process=git-lfs filter-process
file:C:/Users/wikyp/.gitconfig filter.lfs.required=true
file:C:/Users/wikyp/.gitconfig user.name=abhi-2364
file:C:/Users/wikyp/.gitconfig user.email=abhiayyapasetti@gmail.com
file:C:/Users/wikyp/.gitconfig user.username=abhi-2364
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/abhi-2364/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
```