

COGNIZANCE CLUB – TASK-1

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Roll no.: CH.EN.U4CCE21029

TASK-1:

1. Create a repository with name “Cognizance” on GitHub using Git Bash.
2. Create a folder with name “Task-1” in the repository and perform the Git operations using GitBash.
3. Upload the screenshot of the git bash using This command in your computer.

```
git config --list --show-
```

4. Take a screenshot of all the Git operations you performed and compile it in a single PDF and upload it in “Task-1” folder this PDF Should Also Contain the screenshot of the command mentioned in point 3.

New Repository “COGNIZANCE” And A Folder “Task-1” is created in the Repository using Git Bash.

```
MINGW64/c:/Users/20021/documents/Cognizance/Task-1
$ cd documents

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents (master)
$ mkdir Cognizance

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents (master)
$ cd Cognizance

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance (master)
$ git init
Initialized empty Git repository in C:/Users/20021/Documents/Cognizance/.git/

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance (master)
$ git remote add origin https://github.com/lokeshfallen/Cognizance.git

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance (master)
$ mkdir Task-1

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance (master)
$ cd Task-1

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ touch README.md

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git add README.md
g

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git commit -m "First Commit"
[master (root-commit) 46e9ce8] First Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Task-1/README.md

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git push -u origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Writing objects: 100% (4/4), 268 bytes | 268.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/lokeshfallen/Cognizance.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ |
```

Repository and folder are created.

lokeshfallen/Cognizance

TASK 1 [GIT & GITHUB]

github.com/lokeshfallen/Cognizance

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lokeshfallen / Cognizance

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master 1 branch 0 tags

Go to file Add file Code

lokeshfallen First Commit

46e9ce8 33 seconds ago 1 commit

Task-1 First Commit 32 seconds 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 1 watching 0 forks

Releases

No releases published

Create a new release

Packages

https://github.com/lokeshfallen/Cognizance/find/master

27°C Mostly sunny 10:39 15-02-2022

COMMANDS USED: `git add git commit git push`

```
MINGW64/c/Users/2002/documents/Cognizance/Task-1

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ touch HelloWorld.c

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ code -n HelloWorld.c

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git add .

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git commit -m "Hello World Program"
[master 2e9a3ee] Hello World Program
1 file changed, 7 insertions(+)
create mode 100644 Task-1/HelloWorld.c

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 409 bytes | 409.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/lokeshfallen/Cognizance.git
46e9ce8..2e9a3ee master -> master

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$
```

COMMIT IS UPDATED

```
MINGW64/c/Users/2002/documents/Cognizance/Task-1

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git log
commit 2e9a3eeed28f8fad17d4b85008a11d3efcfda819 (HEAD -> master, origin/master)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:42:48 2022 +0530

    Hello World Program

commit 46e9ce86fe30c88f744e6151dbaf4325a250e50e
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:38:52 2022 +0530

    First Commit

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ |
```

C -FILE IS CREATED:

The screenshot shows the GitHub web interface for the repository 'lokeshtallen / Cognizance'. The repository is public and has 1 unwatch, 0 forks, and 0 stars. The 'Code' tab is selected, showing the file structure. The file 'HelloWorld.c' is highlighted, showing its commit history. The repository was last updated 1 minute ago by user 'lokeshtallen'.

lokeshtallen / Cognizance Public

Pin Unwatch 1 Fork 0 Star 0

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master Cognizance / Task-1 / Go to file Add file ...

lokeshtallen Hello World Program 2e9a3ee 1 minute ago History

File	Commit	Time
..		
HelloWorld.c	Hello World Program	1 minute ago
README.md	First Commit	5 minutes ago

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COMMANDS USED : `git checkout git branch`

The screenshot shows a terminal window with the following commands and output:

```
MINGW64/c/Users/2002/documents/Cognizance/Task-1
$ git branch
* master

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git branch Branch_1

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git checkout Branch_1
Switched to branch 'Branch_1'

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_1)
$ code -n HelloWorld.c

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_1)
$ git add .

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_1)
$ git commit -m "Hello world Program Updated"
[Branch_1 a5fb3e6] Hello World Program Updated
1 file changed, 6 insertions(+), 1 deletion(-)

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_1)
$ git push -u origin Branch_1
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 456 bytes | 456.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'Branch_1' on GitHub by visiting:
remote: https://github.com/lokeshtallen/Cognizance/pull/new/Branch_1
remote:
To https://github.com/lokeshtallen/Cognizance.git
 * [new branch] Branch_1 -> Branch_1
branch 'Branch_1' set up to track 'origin/Branch_1'.

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_1)
$
```

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```
Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/Task-1 (Branch_1)
$ git log
commit a5fb3e6bdd49dbdbde558e523acd384607f783a3 (HEAD -> Branch_1, origin/Branch_1)
Author: tokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:46:45 2022 +0530

    Hello world Program Updated

commit 2e9a3eed28f8fad17d4b85008a11d3efcfda819 (origin/master, master)
Author: tokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:42:48 2022 +0530

    Hello world Program

commit 46e9ce86fe30c88f744e6151dbaf4325a250e50e
Author: tokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:38:52 2022 +0530

    First Commit

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/Task-1 (Branch_1)
$
```

The image is a screenshot of a web browser displaying a GitHub repository page. The browser's address bar shows the URL 'github.com/lokeshfallen/Cognizance/tree/Branch_1/Task-1'. The repository page header includes the GitHub logo, a search bar, and navigation links: 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. The repository name 'lokeshfallen / Cognizance' is prominently displayed, along with a 'Public' badge. Below the repository name, there are buttons for 'Pin', 'Unwatch' (set to 1), 'Fork' (set to 0), and 'Star' (set to 0). A navigation bar contains links for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The 'Branch_1' dropdown menu is open, showing 'Cognizance / Task-1'. Below this, a message states 'This branch is 1 commit ahead of master.' and a 'Contribute' button is visible. The commit history section shows two commits: 'Hello World Program Updated' (a5fb3e6, 1 minute ago) and 'First Commit' (9 minutes ago). The file list includes 'HelloWorld.c' and 'README.md'. The bottom of the image shows a Windows taskbar with various application icons and system status indicators.

COMMANDS: `git merge` TO MERGE THE BRANCHES

```
MINGW64/c:/Users/2002/documents/Cognizance/Task-1
Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_1)
$ git branch
* Branch_1
  master

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_1)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git merge Branch_1
Updating 2e9a3ee..a5fb3e6
Fast-forward
 Task-1/Helloworld.c | 7 ++++++
 1 file changed, 6 insertions(+), 1 deletion(-)

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git log
commit a5fb3e6bdd49dbdbde558e523acd384607f783a3 (HEAD -> master, origin/Branch_1, Branch_1)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:46:45 2022 +0530

    Hello World Program Updated

commit 2e9a3eeed28f8fad17d4b85008a11d3efcfda819 (origin/master)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:42:48 2022 +0530

    Hello World Program

commit 46e9ce86fe30c88f744e6151dbaf4325a250e50e
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:38:52 2022 +0530

    First Commit

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$
```

BRANCHES ARE MERGED

The screenshot shows the GitHub web interface for the repository 'Cognizance' by user 'lokeshfallen'. The page is viewed on the 'master' branch. The repository has 0 stars and 0 forks. The file list shows three files: 'HelloWorld.c' (updated 3 minutes ago), 'README.md' (committed 11 minutes ago), and a file named '..'. The commit history shows a recent commit 'Hello World Program Updated' by 'lokeshfallen' with hash 'a5fb3e6'.

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master Cognizance / Task-1 / Go to file Add file ...

lokeshfallen Hello World Program Updated a5fb3e6 3 minutes ago History

..

HelloWorld.c Hello World Program Updated 3 minutes ago

README.md First Commit 11 minutes ago

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COMMANDS: `git checkout -b` `git commit -a` `git rebase`

```
MINGW64/c/Users/2002/documents/Cognizance/Task-1

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git branch
  Branch_1
* master

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ touch Sum.c

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ code -n Sum.c

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git add .

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git commit -m "Program to add two numbers"
[master 9055a50] Program to add two numbers
 1 file changed, 14 insertions(+)
 create mode 100644 Task-1/Sum.c

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 503 bytes | 503.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/lokeshfallen/Cognizance.git
 a5fb3e6..9055a50 master -> master

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ |
```

NEW BRANCH IS CREATED

```
MINGW64/c/Users/2002/documents/Cognizance/Task-1

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git checkout -b Branch_2
Switched to a new branch 'Branch_2'

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_2)
$ touch Sum_of_3.c

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_2)
$ code -n Sum_of_3.c

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_2)
$ git commit -am "Program to add three numbers"
On branch Branch_2
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  Sum_of_3.c

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

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_2)
$ git add .

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_2)
$ git commit -m "Program to add three numbers"
[Branch_2 601c507] Program to add three numbers
 1 file changed, 17 insertions(+)
 create mode 100644 Task-1/Sum_of_3.c

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_2)
$ git push -u origin Branch_2
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 481 bytes | 481.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'Branch_2' on GitHub by visiting:
remote:   https://github.com/lokeshfallen/Cognizance/pull/new/Branch_2
remote:
To https://github.com/lokeshfallen/Cognizance.git
 * [new branch]      Branch_2 -> Branch_2
branch 'Branch_2' set up to track 'origin/Branch_2'.
```

COMMAND `git commit -a` IS USED

```
MINGW64/c:/Users/2002/documents/Cognizance/Task-1

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_2)
$ git branch
  Branch_1
* Branch_2
  master

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_2)
$ code -n Sum_of_3.c

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_2)
$ git commit -am "Program to add three numbers UPDATED"
[Branch_2 e4fb096] Program to add three numbers UPDATED
 1 file changed, 3 insertions(+), 2 deletions(-)

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_2)
$ git log
commit e4fb096a0bbaa90d98f091f0ca78b6a937b21736 (HEAD -> Branch_2)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date:   Tue Feb 15 11:20:56 2022 +0530

    Program to add three numbers UPDATED

commit 601c50785b6925f98e8dc2074c7716df5a253049 (origin/Branch_2)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date:   Tue Feb 15 11:17:47 2022 +0530

    Program to add three numbers

commit 9055a507b652531588f5da549d11fb3ebaa89af6 (origin/master, master)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date:   Tue Feb 15 11:02:38 2022 +0530

    Program to add two numbers

commit a5fb3e6bdd49dbdbde558e523acd384607f783a3 (origin/Branch_1, Branch_1)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date:   Tue Feb 15 10:46:45 2022 +0530
```

```
commit a5fb3e6bdd49dbdbde558e523acd384607f783a3 (origin/Branch_1, Branch_1)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date:   Tue Feb 15 10:46:45 2022 +0530

    Hello world Program Updated

commit 2e9a3eeed28f8fad17d4b85008a11d3efcfda819
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date:   Tue Feb 15 10:42:48 2022 +0530

    Hello world Program

commit 46e9ce86fe30c88f744e6151dbaf4325a250e50e
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date:   Tue Feb 15 10:38:52 2022 +0530

    First Commit
```


BRANCH_1 IS REBASED WITH MASTER BRANCH

```
MINGW64/c:/Users/2002/documents/Cognizance/Task-1

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_2)
$ git rebase master Branch_2
Current branch Branch_2 is up to date.

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (Branch_2)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git rebase Branch_2 master
Successfully rebased and updated refs/heads/master.

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ |
```

THE CHANGES ARE UPDATED IN THE REMOTE REPOSITORY

The screenshot shows the GitHub interface for the repository 'loveshfallen/Cognizance'. The 'Code' tab is selected, displaying the commit history for the 'master' branch. The repository is public and has 1 unwatch, 0 forks, and 0 stars. The commit history shows a series of updates to the 'Task-1' directory, including files like 'HelloWorld.c', 'README.md', 'Sum.c', and 'Sum_of_3.c'. The most recent commit is 'Program to add three numbers UPDATED' by 'loveshfallen' 8 minutes ago.

loveshfallen / Cognizance Public

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master Cognizance / Task-1 / Go to file Add file ...

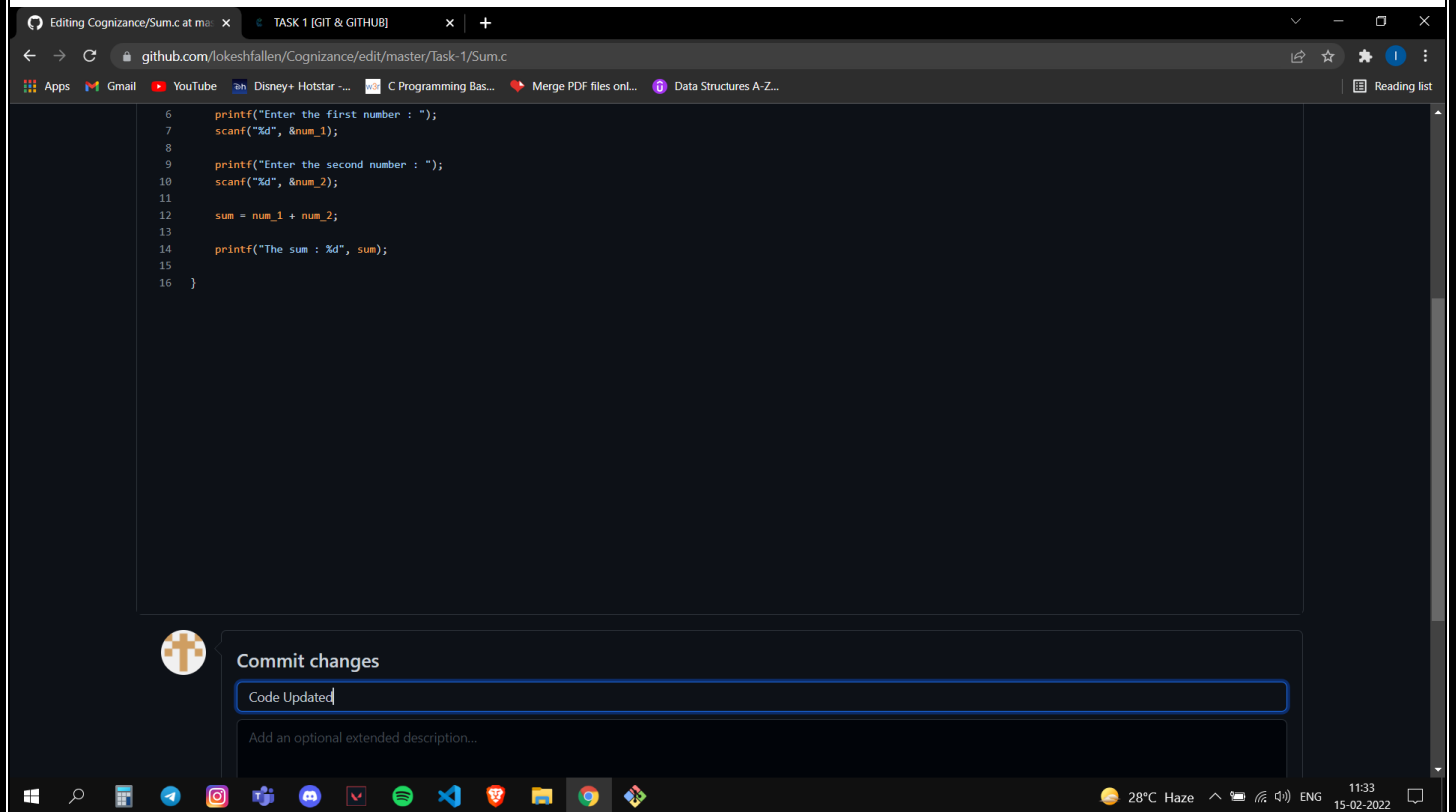
loveshfallen Program to add three numbers UPDATED e4fb096 8 minutes ago History

File	Commit Message	Time Ago
..
HelloWorld.c	Hello World Program Updated	42 minutes ago
README.md	First Commit	1 hour ago
Sum.c	Program to add two numbers	26 minutes ago
Sum_of_3.c	Program to add three numbers UPDATED	8 minutes ago

COMMANDS USED : `git fetch`

`git merge` (TO SEND THE DOWNLOADED CHANGES FROM LOCAL REPO TO WORKING DIRECTORY)

COMMITTS MADE IN THE REMOTE REPOSITORY



Editing Cognizance/Sum.c at ma: x TASK 1 [GIT & GITHUB] x +

github.com/lokeshfallen/Cognizance/edit/master/Task-1/Sum.c

```
6 printf("Enter the first number : ");
7 scanf("%d", &num_1);
8
9 printf("Enter the second number : ");
10 scanf("%d", &num_2);
11
12 sum = num_1 + num_2;
13
14 printf("The sum : %d", sum);
15
16 }
```

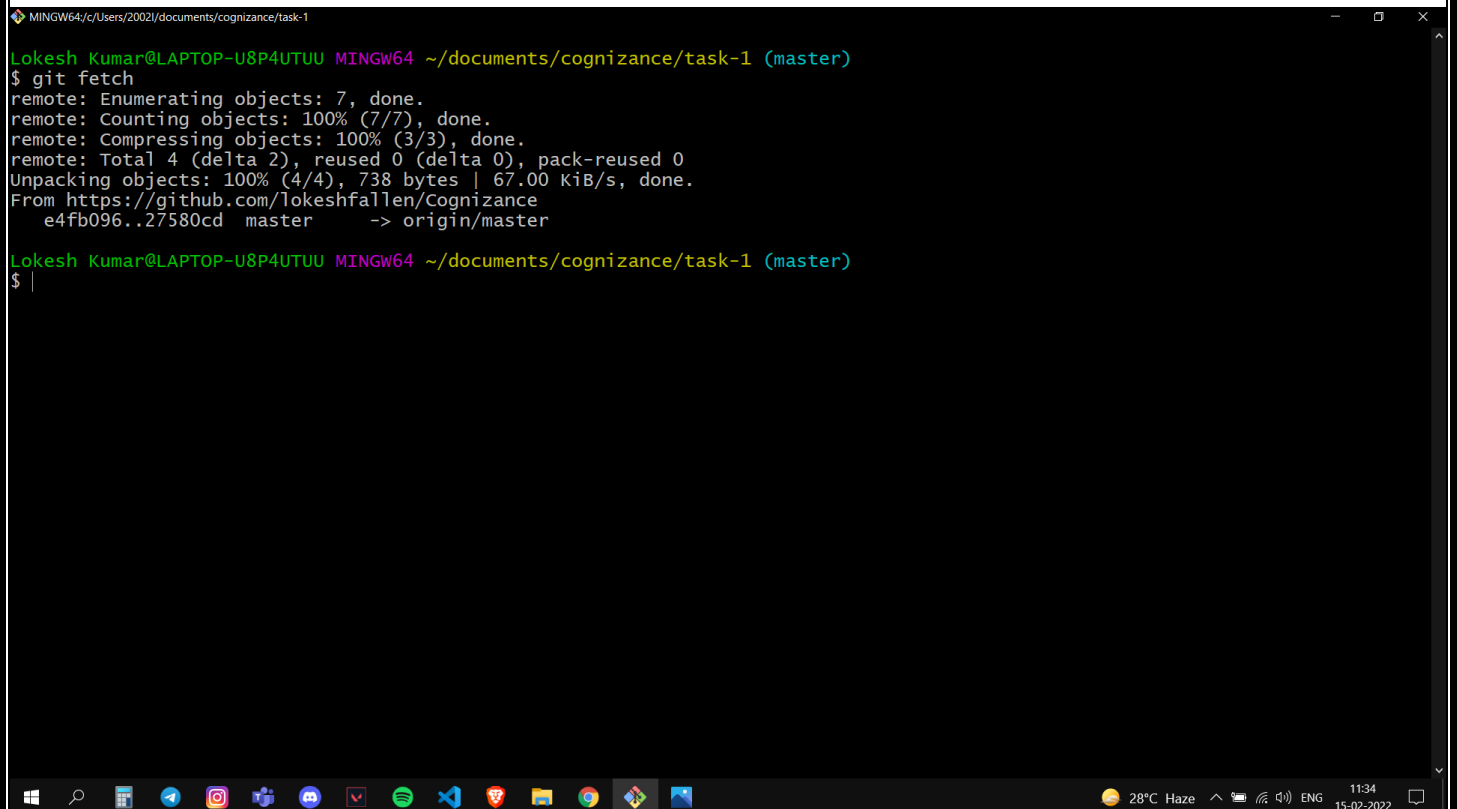
Commit changes

Code Updated

Add an optional extended description...

28°C Haze 11:33 15-02-2022

The commits are downloaded in the Local Repository



MINGW64/c:/Users/20021/documents/cognizance/task-1

```
Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$ git fetch
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 2), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 738 bytes | 67.00 KiB/s, done.
From https://github.com/lokeshfallen/Cognizance
 e4fb096..27580cd master -> origin/master

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$ |
```

28°C Haze 11:34 15-02-2022

MINGW64/c:/Users/2002/documents/cognizance/task-1

```
Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$ git merge
Updating e4fb096..27580cd
Fast-forward
 Task-1/Sum.c | 8 +++++--
 1 file changed, 5 insertions(+), 3 deletions(-)
```

```
Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$
```

ALL COMMITS ARE MERGED TO THE WORKING DIRECTORY

MINGW64/c:/Users/2002/documents/cognizance/task-1

```
Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$ git log
commit 27580cd6e6717a089ec94058498e0710ac114e7b (HEAD -> master, origin/master)
Author: lokeshfallen <99633614+lokeshfallen@users.noreply.github.com>
Date: Tue Feb 15 11:33:10 2022 +0530

    Code Updated

commit e4fb096a0bbaa90d98f091f0ca78b6a937b21736 (Branch_2)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 11:20:56 2022 +0530

    Program to add three numbers UPDATED

commit 601c50785b6925f98e8dc2074c7716df5a253049 (origin/Branch_2)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 11:17:47 2022 +0530

    Program to add three numbers

commit 9055a507b652531588f5da549d11fb3ebaa89af6
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 11:02:38 2022 +0530

    Program to add two numbers

commit a5fb3e6bdd49dbdbde558e523acd384607f783a3 (origin/Branch_1, Branch_1)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:46:45 2022 +0530

    Hello World Program Updated

commit 2e9a3eeed28f8fad17d4b85008a11d3efcfda819
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:42:48 2022 +0530

    Hello World Program

commit 46e9ce86fe30c88f744e6151dbaf4325a250e50e
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:38:52 2022 +0530

    First Commit
```

COMMAND USED: `git pull`

CHANGES MADE IN REMOTE REPOSITORY

The screenshot shows the GitHub web interface for a repository named 'Cognizance' by user 'lokeshtallen'. The file 'sample.txt' is selected for commit on the 'master' branch. The 'Commit new file' dialog is open, showing the commit message 'Added a sample text file.' and an option to 'Commit directly to the master branch.' The 'Commit new file' button is highlighted in green.

The screenshot shows a terminal window with the following output for the 'git pull' command:

```
Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$ git pull
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 4 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 747 bytes | 67.00 KiB/s, done.
From https://github.com/lokeshtallen/Cognizance
 27580cd..13e7abe master -> origin/master
Updating 27580cd..13e7abe
Fast-forward
 Task-1/sample.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 Task-1/sample.txt

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$
```

ALL CHANGES ARE UPDATED

```
MINGW64/c:/Users/20021/documents/cognizance/task-1

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$ git log
commit 13e7abe614c64108bfaad91caa284e1ae1dad265 (HEAD -> master, origin/master)
Author: lokeshfallen <99633614+lokeshfallen@users.noreply.github.com>
Date: Tue Feb 15 11:39:36 2022 +0530

    Added a sample text file.

commit 27580cd6e6717a089ec94058498e0710ac114e7b
Author: lokeshfallen <99633614+lokeshfallen@users.noreply.github.com>
Date: Tue Feb 15 11:33:10 2022 +0530

    Code Updated

commit e4fb096a0bbaa90d98f091f0ca78b6a937b21736 (Branch_2)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 11:20:56 2022 +0530

    Program to add three numbers UPDATED

commit 601c50785b6925f98e8dc2074c7716df5a253049 (origin/Branch_2)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 11:17:47 2022 +0530

    Program to add three numbers

commit 9055a507b652531588f5da549d11fb3ebaa89af6
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 11:02:38 2022 +0530

    Program to add two numbers

commit a5fb3e6bdd49dbdbde558e523acd384607f783a3 (origin/Branch_1, Branch_1)
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:46:45 2022 +0530

    Hello World Program Updated

commit 2e9a3eed28f8fad17d4b85008a11d3efcfda819
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:42:48 2022 +0530

    Hello World Program

commit 46e9ce86fe30c88f744e6151dbaf4325a250e50e
Author: lokeshfallen <ch.en.u4cce21029@ch.students.amrita.edu>
Date: Tue Feb 15 10:38:52 2022 +0530

    First Commit

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
```

COMMAND USED : `git clone`

A FOLDER “CloneRepo” is created and the remote repository is cloned into it.

```
MINGW64/c:/Users/20021/documents/cognizance/CloneRepo

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$ cd ..

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance (master)
$ mkdir CloneRepo

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance (master)
$ cd CloneRepo

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/CloneRepo (master)
$ git clone https://github.com/lokeshfallen/cognizance.git
Cloning into 'cognizance'...
remote: Enumerating objects: 32, done.
remote: Counting objects: 100% (32/32), done.
remote: Compressing objects: 100% (18/18), done.
remote: Total 32 (delta 9), reused 19 (delta 3), pack-reused 0
Receiving objects: 100% (32/32), done.
Resolving deltas: 100% (9/9), done.

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/CloneRepo (master)
$ |
```

COMMAND USED : `git reset`

```
MINGW64/c/Users/2002/documents/cognizance/task-1

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$ git branch
  Branch_1
  Branch_2
* master

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$ code -n sample.txt

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$ git add .

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$ git reset HEAD sample.txt
Unstaged changes after reset:
M   Task-1/sample.txt

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/cognizance/task-1 (master)
$
```

COMMAND USED : `git fork USING GitHub CLI`

A repository "RepoFork" is forked and cloned.

```
MINGW64/c/Users/2002/Documents/Cognizance/Task-1

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/Documents/Cognizance/Task-1 (master)
$ winpty gh --version
gh version 2.5.0 (2022-02-01)
https://github.com/cli/cli/releases/tag/v2.5.0

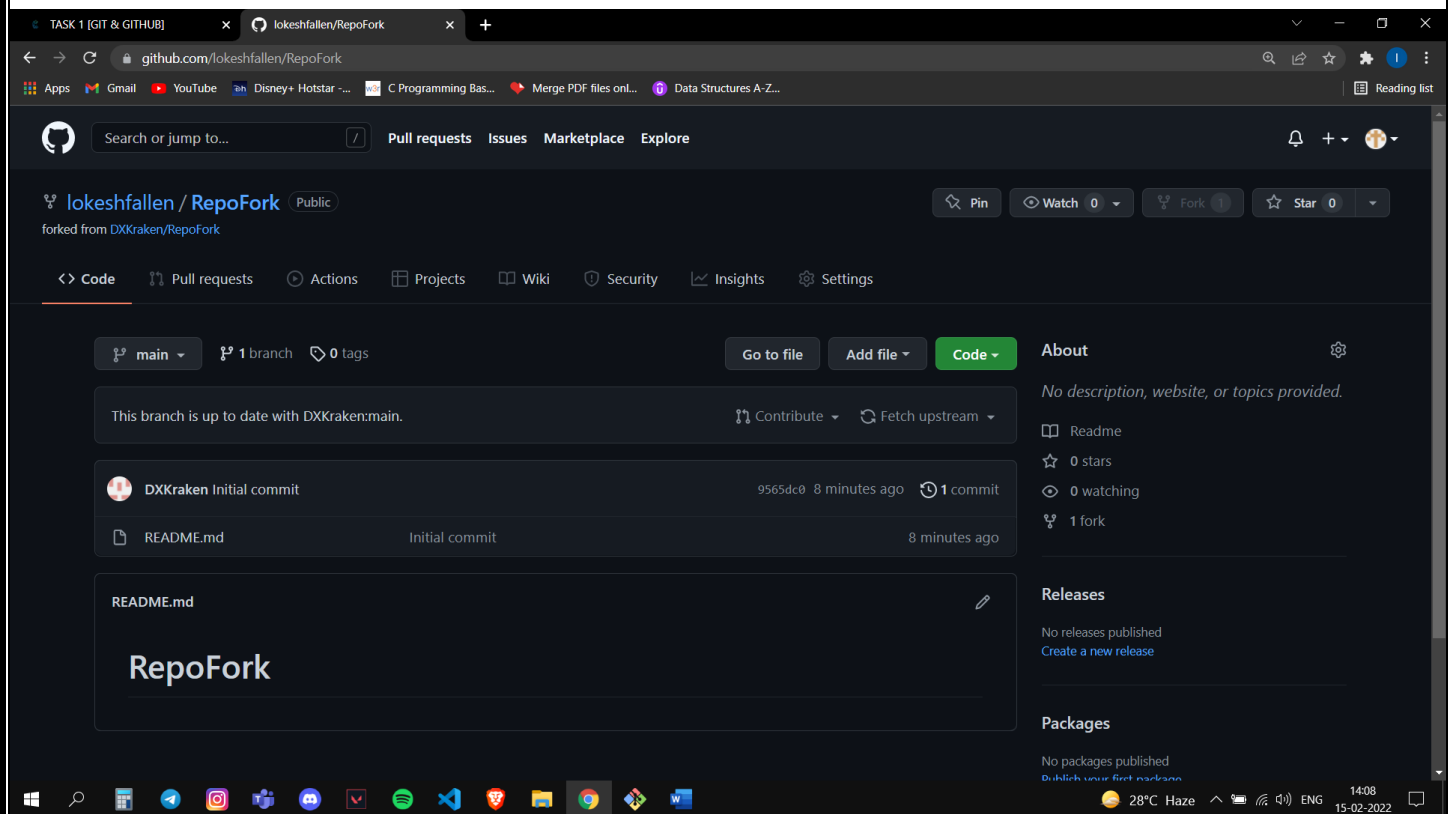
Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/Documents/Cognizance/Task-1 (master)
$ winpty gh auth login --web
? What is your preferred protocol for Git operations? HTTPS
? Authenticate Git with your GitHub credentials? Yes

! First copy your one-time code: A476-4CF0
Press Enter to open github.com in your browser...
✓ Authentication complete.
- gh config set -h github.com git_protocol https
✓ Configured git protocol
✓ Logged in as lokeshfallen

Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/Documents/Cognizance/Task-1 (master)
$ winpty gh repo fork https://github.com/DXKraken/RepoFork.git
✓ Created fork lokeshfallen/RepoFork
? Would you like to clone the fork? Yes
Cloning into 'RepoFork'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
Updating upstream
From https://github.com/DXKraken/RepoFork
 * [new branch]      main      -> upstream/main
✓ Cloned fork

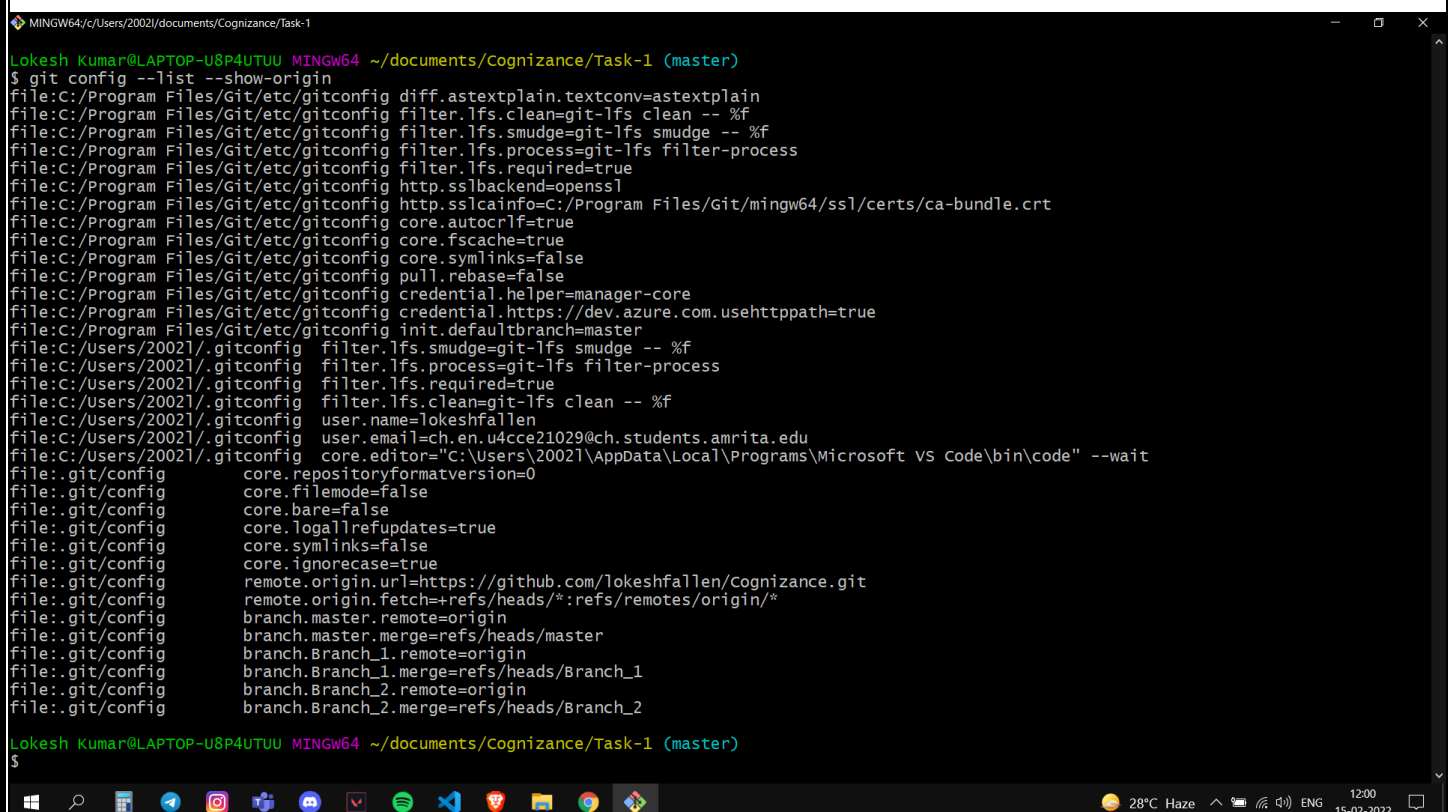
Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/Documents/Cognizance/Task-1 (master)
$
```

The changes are updated



COMMAND USED : git config --list --show-origin AND git config --list --show-scope

Command : git config --list --show-origin



COMMAND : git config --list --show-scope

```
MINGW64/c:/Users/20021/documents/Cognizance/Task-1
Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$ git config --list --show-scope
system diff.astextplain.textconv=astextplain
system filter.lfs.clean=git-lfs clean -- %f
system filter.lfs.smudge=git-lfs smudge -- %f
system filter.lfs.process=git-lfs filter-process
system filter.lfs.required=true
system http.sslbackend=openssl
system http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
system core.autocrlf=true
system core.fscache=true
system core.symlinks=false
system pull.rebase=false
system credential.helper=manager-core
system credential.https://dev.azure.com.usehttppath=true
system init.defaultbranch=master
global filter.lfs.smudge=git-lfs smudge -- %f
global filter.lfs.process=git-lfs filter-process
global filter.lfs.required=true
global filter.lfs.clean=git-lfs clean -- %f
global user.name=lokeshfallen
global user.email=ch.en.u4cce21029@ch.students.amrita.edu
global core.editor="C:\Users\20021\AppData\Local\Programs\Microsoft VS Code\bin\code" --wait
local core.repositoryformatversion=0
local core.filemode=false
local core.bare=false
local core.logallrefupdates=true
local core.symlinks=false
local core.ignorecase=true
local remote.origin.url=https://github.com/lokeshfallen/Cognizance.git
local remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
local branch.master.remote=origin
local branch.master.merge=refs/heads/master
local branch.Branch_1.remote=origin
local branch.Branch_1.merge=refs/heads/Branch_1
local branch.Branch_2.remote=origin
local branch.Branch_2.merge=refs/heads/Branch_2
Lokesh Kumar@LAPTOP-U8P4UTUU MINGW64 ~/documents/Cognizance/Task-1 (master)
$
```



28°C Haze 12:00 15-02-2022