

## Devops Assignment

**Q1:** Describe the usage of the git stash command by using an example and also state the process by giving the screenshot of all the commands written in git bash

**Stash:**

Stash enables us to switch branches without committing the current branch.

Stash uses the stack data structure.

Stash's meaning is "store something safely in a hidden place".

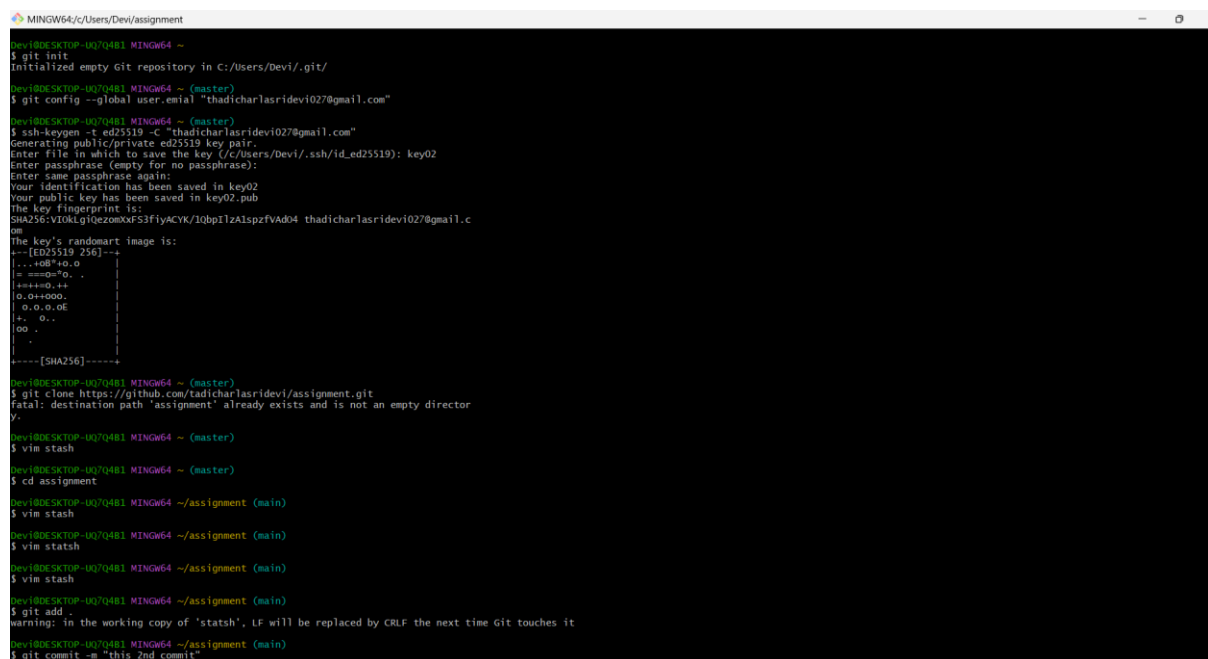
For example:

we are working in current project but without making the commits of current project we want to switch the branch. For that scenario stash allows us to switch the branch without committing the current branch.

- **git stash list:** it is used to check the stored stashes
- **git stash apply:** You can re-apply the changes that you just stashed by using the git stash command.
- **git stash pop:** Git allows the user to re-apply the previous commits by using git stash pop command. The popping option removes the changes from stash and applies them to your working file.
- **git stash drop:** The git stash drop command is used to delete a stash from the queue. it deletes the most recent stash

steps to use git stash:

step 1) create a file and add the file into staging area and committed file.



```
MINGW64/c/Users/Dev/assignment
Dev@DESKTOP-UQ7Q481 MINGW64 ~
$ git init
Initialized empty Git repository in C:/Users/Dev/.git/
Dev@DESKTOP-UQ7Q481 MINGW64 ~ (master)
$ git config --global user.email "thadicharlasridevi027@gmail.com"
Dev@DESKTOP-UQ7Q481 MINGW64 ~ (master)
$ ssh-keygen -t ed25519 -C "thadicharlasridevi027@gmail.com"
Generating public/private ed25519 key pair.
Enter file in which to save the key (/C:/Users/Dev/.ssh/id_ed25519): key02
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in key02
Your public key has been saved in key02.pub
The key fingerprint is:
SHA256:Vt0KglQezomxFS3FiyACVK/1Qbp1IzA1spzfVAd04 thadicharlasridevi027@gmail.c
om
The key's randomart image is:
+--[ED25519 256]--+
|...+08*+o.o      |
|==+o*o.o. .      |
|++o+o+o+         |
|o.o+o+o+         |
|o.o.o.o.oE       |
|..o.o.           |
|oo.              |
|..               |
+---[SHA256]-----+
Dev@DESKTOP-UQ7Q481 MINGW64 ~ (master)
$ git clone https://github.com/tadicharlasridevi/assignment.git
fatal: destination path 'assignment' already exists and is not an empty director
y.
Dev@DESKTOP-UQ7Q481 MINGW64 ~ (master)
$ vim stash
Dev@DESKTOP-UQ7Q481 MINGW64 ~ (master)
$ cd assignment
Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ vim stash
Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ vim stash
Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ vim stash
Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ git add
warning: in the working copy of 'stash', LF will be replaced by CRLF the next time Git touches it
Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ git commit -m "this 2nd commit"
```

Step 2) After do some modifications in file and check the status of a file. It shows an error when the file in modified stage and try to switch the branch.

```
MINGW64/c/Users/Dev/assignment
Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ vim stash

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ git stash
Saved working directory and index state WIP on main: 5e7b263 this 2nd commit

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ vim stash

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ vim stash

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ git stash apply
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

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

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

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ vim stash

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ cat stash
this is stash assignmet
stash uses the stack data structure
it stroes something safely in hidden place
hi!
hello

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ git stash
warning: in the working copy of 'stash', LF will be replaced by CRLF the next time Git touches it
Saved working directory and index state WIP on main: 5e7b263 this 2nd commit

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ cat stash
this is stash assignmet
stash uses the stack data structure
it stroes something safely in hidden place

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ git stash apply
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
```

```
  (use "git push" to publish your local commits)

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

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

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ vim stash

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ cat stash
this is stash assignmet
stash uses the stack data structure
it stroes something safely in hidden place
hi!
hello

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ git stash
warning: in the working copy of 'stash', LF will be replaced by CRLF the next time Git touches it
Saved working directory and index state WIP on main: 5e7b263 this 2nd commit

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ cat stash
this is stash assignmet
stash uses the stack data structure
it stroes something safely in hidden place

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ git stash apply
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

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

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

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ cat stash
this is stash assignmet
stash uses the stack data structure
it stroes something safely in hidden place
hi!
hello

Dev@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$
```

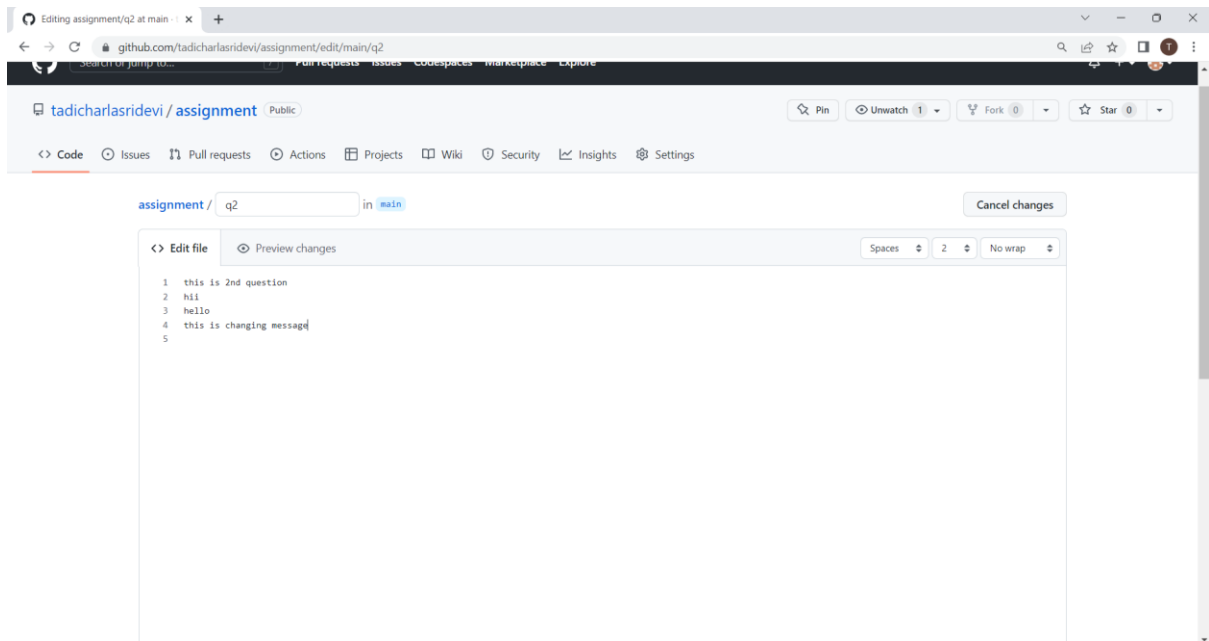
**Q2. By using a sample example of your choice, use the git fetch command and also use the git merge command and describe the whole process through a screenshot with all the commands and their output in git bash.**

GIT FETCH:

The git fetch command is used to get the updates that pushed to our remote branches to local machines. This command fetches branches and history from a specific remote repository. It only updates the remote tracking branches.

Steps for git fetch:

Step1) create a repository and check the status of repository by using the git stash.



Step2) While remote repository has two commits but local repository has only one commit. I have used git log command to see the previous commits.

```
MINGW64/c/Users/Devi/assignment
Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ vim q2

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git staus
git: 'staus' is not a git command. See 'git --help'.

The most similar command is
    status

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
  (use "git push" to publish your local commits)

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        demoFile
        q2

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

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git add
warning: in the working copy of 'demoFile', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'q2', LF will be replaced by CRLF the next time Git touches it

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
  (use "git push" to publish your local commits)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   demoFile
        new file:   q2
        modified:   statsh
```

```
MINGW64/c/Users/Devi/assignment
Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git commit
[main 69de87e] t3->"this is normal msg"
3 files changed, 5 insertions(+), 1 deletion(-)
create mode 100644 demoFile
create mode 100644 q2

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 3 commits.
(use "git push" to publish your local commits)

nothing to commit, working tree clean

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git push
Enumerating objects: 14, done.
Counting objects: 100% (14/14), done.
Delta compression using up to 8 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (12/12), 1.10 KiB | 225.00 KiB/s, done.
Total 12 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/tadicharlasridevi/assignment.git
030764a..69de87e main -> main

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git log
commit 69de87e6860399f5c95ae95f0a4230c7af688ad1 (HEAD -> main, origin/main, origin/HEAD)
Author: 20A91A05A4@aec.edu.in <tadicharlasridevi027@gmail.com>
Date: Thu Feb 16 11:50:47 2023 +0530

    t3->"this is normal msg"

commit 21416acc3ed00e1360e14559bd696e0989760dda
Author: 20A91A05A4@aec.edu.in <tadicharlasridevi027@gmail.com>
Date: Thu Feb 16 11:43:45 2023 +0530

    this is 3rd commit

commit 5e7b263bfcac95a88ec4907fa1442d6bcc914b3f
Author: 20A91A05A4@aec.edu.in <tadicharlasridevi027@gmail.com>
Date: Thu Feb 16 11:28:49 2023 +0530
```

Step 3) After using the git fetch command some commits are done in remote repository.

Step 4) Then merge the changes into local repository by using the command git merge origin/main.

Step 5) To see the commits in local repository use the git log command.

```
MINGW64/c/Users/Devi/assignment
commit 590c85ceb934494ee205c68f52bd9071e91d5672
Author: tadicharlasridevi <84388911-tadicharlasridevi@users.noreply.github.com>
Date: Fri Feb 10 11:08:14 2023 +0530

    Initial commit

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git fetch
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 7 (delta 2), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (7/7), 1.87 KiB | 42.00 KiB/s, done.
From https://github.com/tadicharlasridevi/assignment
69de87e..6316bca main -> origin/main

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git log
commit 69de87e6860399f5c95ae95f0a4230c7af688ad1 (HEAD -> main)
Author: 20A91A05A4@aec.edu.in <tadicharlasridevi027@gmail.com>
Date: Thu Feb 16 11:50:47 2023 +0530

    t3->"this is normal msg"

commit 21416acc3ed00e1360e14559bd696e0989760dda
Author: 20A91A05A4@aec.edu.in <tadicharlasridevi027@gmail.com>
Date: Thu Feb 16 11:43:45 2023 +0530

    this is 3rd commit

commit 5e7b263bfcac95a88ec4907fa1442d6bcc914b3f
Author: 20A91A05A4@aec.edu.in <tadicharlasridevi027@gmail.com>
Date: Thu Feb 16 11:28:49 2023 +0530

    this 2nd commit

commit 030764a313646caf2ce2c5b0d65bb57c8c6a6569
Author: 20A91A05A4@aec.edu.in <tadicharlasridevi027@gmail.com>
Date: Tue Feb 14 12:12:57 2023 +0530

    t2->this is an msg

commit de0e70aa2a417e1ad77b12172cb1149fc8783c7f
```

**Q3. State the difference between git fetch and git pull by doing a practical example in your git bash and attach a screenshot of all the processes.**

GIT FETCH:

The git fetch command is used to get the updates that have been pushed to our remote branches to local machines.

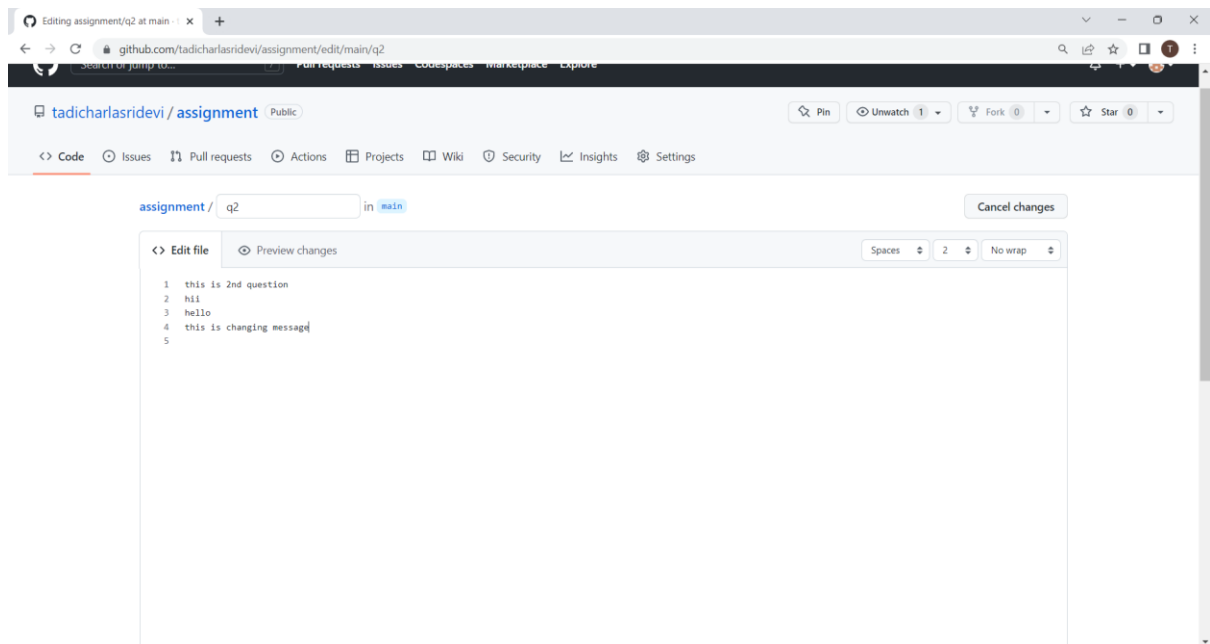
GIT PULL:

Git pull=Git fetch +Git merge

Git Pull brings the copy of the remote directory changes into the local repository

Steps for git fetch:

Step1) create a repository and check the status of repository by using the git stash.



Step2) While remote repository has two commits but local repository has only one commit. I have used git log command to see the previous commits.

```
MINGW64/c/Users/Devi/assignment
Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ vim q2

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git status
git: 'staus' is not a git command. See 'git --help'.

The most similar command is
    status

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
(Use "git push" to publish your local commits)

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        demoFile
        q2

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

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git add .
warning: in the working copy of 'demoFile', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'q2', LF will be replaced by CRLF the next time Git touches it

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
(Use "git push" to publish your local commits)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   demoFile
        new file:   q2
        modified:   statsh
```

```
MINGW64/c/Users/Devi/assignment
Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git commit
[main 69de87e] t3->"this is normal msg"
 3 files changed, 5 insertions(+), 1 deletion(-)
 create mode 100644 demoFile
 create mode 100644 q2

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 3 commits.
(Use "git push" to publish your local commits)

nothing to commit, working tree clean

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git push
Enumerating objects: 14, done.
Counting objects: 100% (14/14), done.
Delta compression using up to 8 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (12/12), 1.10 KiB | 225.00 KiB/s, done.
Total 12 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/tadicharlasridevi/assignment.git
   030764a..69de87e  main -> main

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git log
commit 69de87e6860399f5c95ae95f0a4230c7af688ad1 (HEAD -> main, origin/main, origin/HEAD)
Author: 20A91A05A4@aec.edu.in <thadicharlasridevi027@gmail.com>
Date:   Thu Feb 16 11:50:47 2023 +0530

    t3->"this is normal msg"

commit 21416acc3ed00e1360e14559bd696e0989760dda
Author: 20A91A05A4@aec.edu.in <thadicharlasridevi027@gmail.com>
Date:   Thu Feb 16 11:43:45 2023 +0530

    this is 3rd commit

commit 5e7b263bfcac95a88ec4907fa1442d6bcc914b3f
Author: 20A91A05A4@aec.edu.in <thadicharlasridevi027@gmail.com>
Date:   Thu Feb 16 11:28:49 2023 +0530
```

Step 3) After using the git fetch command some commits are done in remote repository.

Step 4) Then merge the changes into local repository by using the command git merge origin/main.

Step 5) To see the commits in local repository use the git log command.

```
MINGW64/c/Users/Dev/assignment
commit 590c85ceb934494ee205c68f52bd9071e91d5672
Author: tadicharlasridevi <84388911+tadicharlasridevi@users.noreply.github.com>
Date: Fri Feb 10 11:08:14 2023 +0530

Initial commit

Devi@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ git fetch
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 7 (delta 2), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (7/7), 1.87 KiB | 42.00 KiB/s, done.
From https://github.com/tadicharlasridevi/assignment
 69de87e..6316bca main -> origin/main

Devi@DESKTOP-UQ7Q481 MINGW64 ~/assignment (main)
$ git log
commit 69de87e6860399f5c95ae95f0a4230c7af688ad1 (HEAD -> main)
Author: 20A91A05A4@aec.edu.in <thadicharlasridevi027@gmail.com>
Date: Thu Feb 16 11:50:47 2023 +0530

    t3->"this is normal msg"

commit 21416acc3ed00e1360e14559bd696e0989760dda
Author: 20A91A05A4@aec.edu.in <thadicharlasridevi027@gmail.com>
Date: Thu Feb 16 11:43:45 2023 +0530

    this is 3rd commit

commit 5e7b263bfcac95a88ec4907fa1442d6bcc914b3f
Author: 20A91A05A4@aec.edu.in <thadicharlasridevi027@gmail.com>
Date: Thu Feb 16 11:28:49 2023 +0530

    this 2nd commit

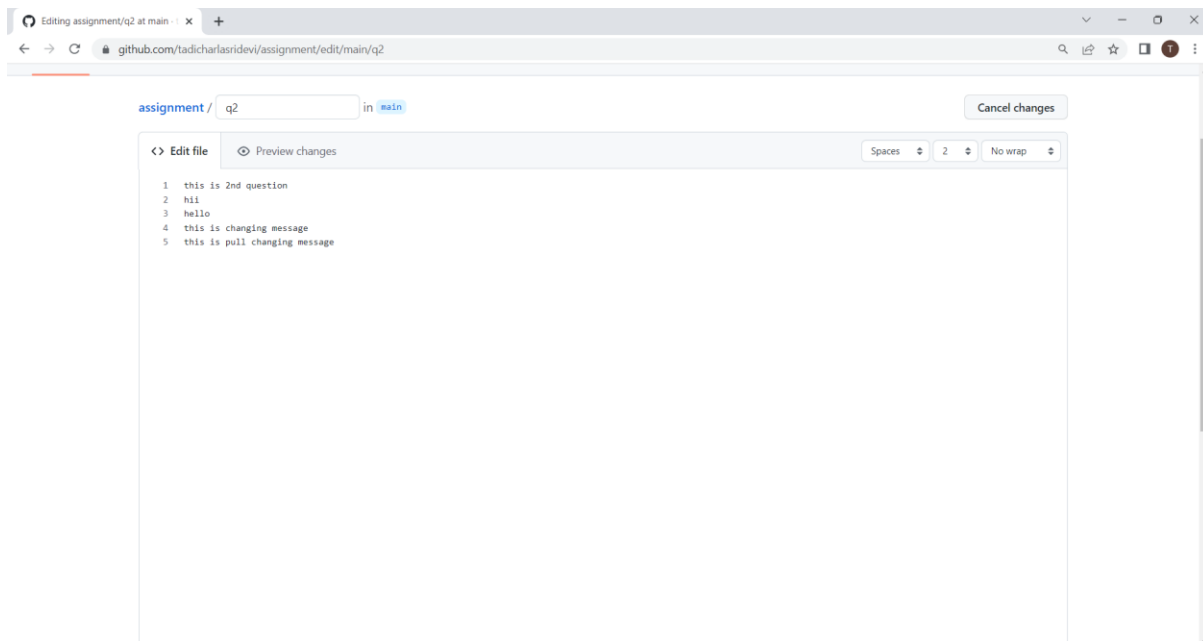
commit 030764a313646caf2ce2c5b0d65bb57c86a6569
Author: 20A91A05A4@aec.edu.in <thadicharlasridevi027@gmail.com>
Date: Tue Feb 14 12:12:57 2023 +0530

    t2->this is an msg

commit de0e70aa2a417e1ad77b12172cb1149fc8783c7f
```

Steps for Git pull:

Step1) ) create a repository and check the status of repository by using the git stash.



Step 2) Now the file have 3 commits in remote repository and 2 commits in local repository. To directly fetch and merge remote repository with the local repository.

Step 3) git pull command helps to fetch and merge the remote repository.

```
MINGW64/c/Users/Devi/assignment
statsh | 1 -
3 files changed, 1 insertion(+), 3 deletions(-)
delete mode 100644 demoFile
delete mode 100644 statsh

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ cat q2
this is 2nd question
hii
hello
this is changing message

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ cat q2
this is 2nd question
hii
hello
this is changing message

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ git pull origin main
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 763 bytes | 44.00 KiB/s, done.
From https://github.com/tadicharlasridevi/assignment
* branch      main      -> FETCH_HEAD
   6316bca..d60136d  main    -> origin/main
Updating 6316bca..d60136d
Fast-forward
 q2 | 1 +
 1 file changed, 1 insertion(+)

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$ cat q2
this is 2nd question
hii
hello
this is changing message
this is pull changing message

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~/assignment (main)
$
```

**Q4. Try to find out about the awk command and use it while reading a file created by yourself. Also, make a bash script file and try to find out the prime number from the range 1 to 20.**

## AWK

The Awk is a powerful scripting language used for text scripting. It searches and replaces the texts and sorts, validates, and indexes the database. It performs various actions on a file like searching a specified text and more.

```
Devi@DESKTOP-UQ7Q4B1 MINGW64 ~ (master)
$ vi example

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~ (master)
$ cat example
subjects          marks
social            99
science           89
english           89
hindi             77
telugu            88
```

To print the file we can give the following command.



```

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~ (master)
$ awk '{print}' example
subjects      marks
social        99
science       89
english       89
hindi         77
telugu        88

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~ (master)
$ awk '/99/ {print}' example
social        99

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~ (master)
$ awk '{print $1,$2}' example
subjects marks
social 99
science 89

```

To get the record having the 99 marks the below command is used.

```

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~ (master)
$ awk '/99/ {print}' example
social        99

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~ (master)
$ awk '{print $1,$2}' example
subjects marks
social 99
science 89
english 89
hindi 77
telugu 88

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~ (master)
$ awk '{print $1,$NF}' example
subjects marks
social 99
science 89
english 89
hindi 77
telugu 88

```

Steps to follow bash scripting:

Step 1) create the file with extension .sh.

Step 2) open the shell and write the script.

Step 3) we can give the permissions of read, write and execute.

Step 4) save the code and run the code.

To run the run a code

Syntax: ./filename.

```
MINGW64:/c/Users/Devi
for((i=2;i<=20;))
do
    for((j=i-1;j>=2;))
    do
        if [ `expr $i % $j` -ne 0 ] ; then
            prime=1
        else
            prime=0
            break
        fi
        j=`expr $j - 1`
    done
    if [ $prime -eq 1 ] ; then
        echo $i
    fi
    i=`expr $i + 1`
done
~
~
```

```
Devi@DESKTOP-UQ7Q4B1 MINGW64 ~ (master)
$ vi primenumber.sh

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~ (master)
$ bash primenumber.sh
primenumber.sh: line 13: [: -eq: unary operator expected
3
5
7
11
13
17
19

Devi@DESKTOP-UQ7Q4B1 MINGW64 ~ (master)
$ |
```

**Q5. Set up a container and run a Ubuntu operating system. For this purpose, you can make use of the docker hub and run the container in interactive mode. All the processes pertaining to this should be provided in a screenshot for grading.**

Steps for setting up a container and run a Ubuntu os.

Step 1) download the image of Ubuntu

Syntax: `docker pull ubuntu`

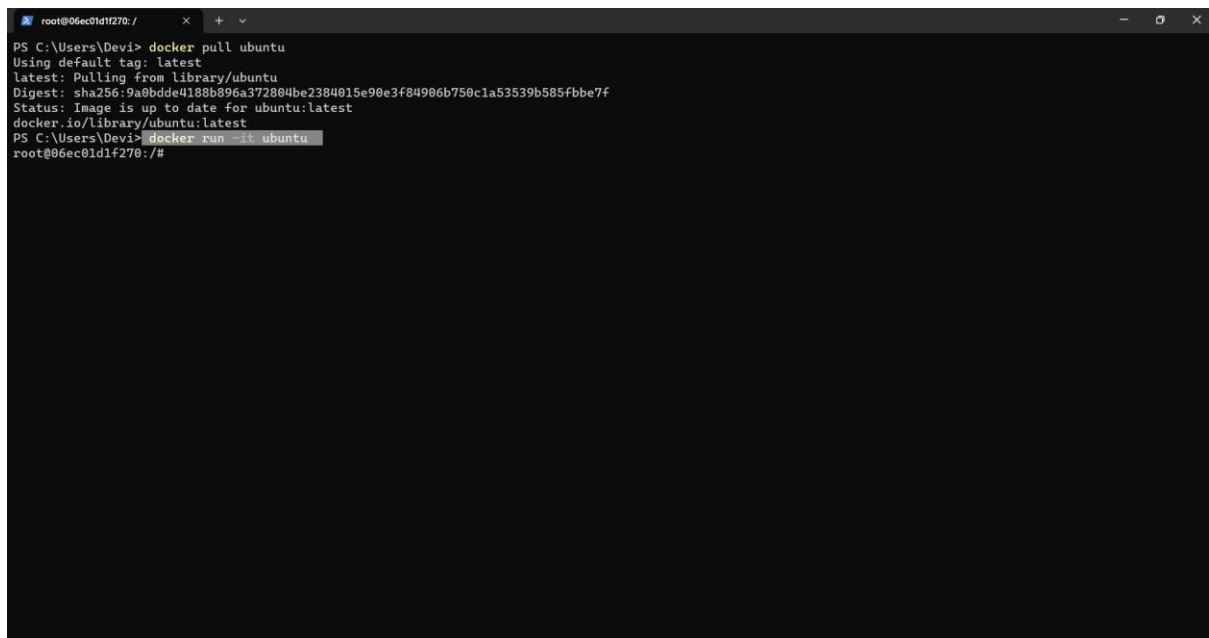
Step 2) to bring the Ubuntu image

Syntax: `docker run -it ubuntu`

NOTE: “-it” option runs the container in an interactive mode and opens up a shell within the ubuntu os.

Step 3) To get an idea about the available update.

Syntax: `apt update`.



```
root@06ec01d1f270: /
PS C:\Users\Devi> docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
Digest: sha256:9a0bdde4188b896a372804be2384015e90e3f84906b750c1a53539b585fbbe7f
Status: Image is up to date for ubuntu:latest
docker.io/library/ubuntu:latest
PS C:\Users\Devi> docker run -it ubuntu
root@06ec01d1f270:/#
```

```
root@096ec01d1f270: /
PS C:\Users\Devil> docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
Digest: sha256:9a0bdde4188b896a372804be2384015e90e3f84986b750c1a53539b585fbb7f
Status: Image is up to date for ubuntu:latest
docker.io/library/ubuntu:latest
PS C:\Users\Devil> docker run -it ubuntu
root@096ec01d1f270:/# apt update
Get:1 http://archive.ubuntu.com/ubuntu jammy InRelease [270 kB]
Get:2 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Get:3 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [860 kB]
Get:4 http://archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:5 http://archive.ubuntu.com/ubuntu jammy-backports InRelease [107 kB]
Get:6 http://archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [17.5 MB]
Get:7 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [807 kB]
Get:8 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [5557 B]
Get:9 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [752 kB]
Get:10 http://archive.ubuntu.com/ubuntu jammy/main amd64 Packages [1792 kB]
Get:11 http://archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [266 kB]
Get:12 http://archive.ubuntu.com/ubuntu jammy/restricted amd64 Packages [164 kB]
Get:13 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1134 kB]
Get:14 http://archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [808 kB]
Get:15 http://archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [10.9 kB]
Get:16 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1091 kB]
Get:17 http://archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [22.4 kB]
Get:18 http://archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [49.0 kB]
Fetched 25.3 MB in 9s (2770 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
5 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@096ec01d1f270:/#
```

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77.81 MB / 1.09 GB in use

3 Images

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<input type="checkbox"/>	resin/docs 592de848a9b7	latest	Unused	4 months ago	1.09 GB	<div><div></div><div></div><div></div></div>
<input type="checkbox"/>	hello-world feb5d9fea6a5	latest	<a href="#">In use</a>	over 1 year ago	13.25 KB	<div><div></div><div></div><div></div></div>

Showing 3 items

RAM 2.89 GB CPU 0.19%

Connected to Hub

v4.16.3