```
ansh@LAPTOP-RS5N8096 MINGW64 ~
$ git init lab-mst
Initialized empty Git repository in C:/Users/ansh/lab-mst/.git/

ansh@LAPTOP-RS5N8096 MINGW64 ~
$ cd lab-mst

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ vi file.txt

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ cat file.txt
hey git hub
its lab mst

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git status
On branch master

No commits yet

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

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

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git log
fatal: your current branch 'master' does not have any commits yet
```
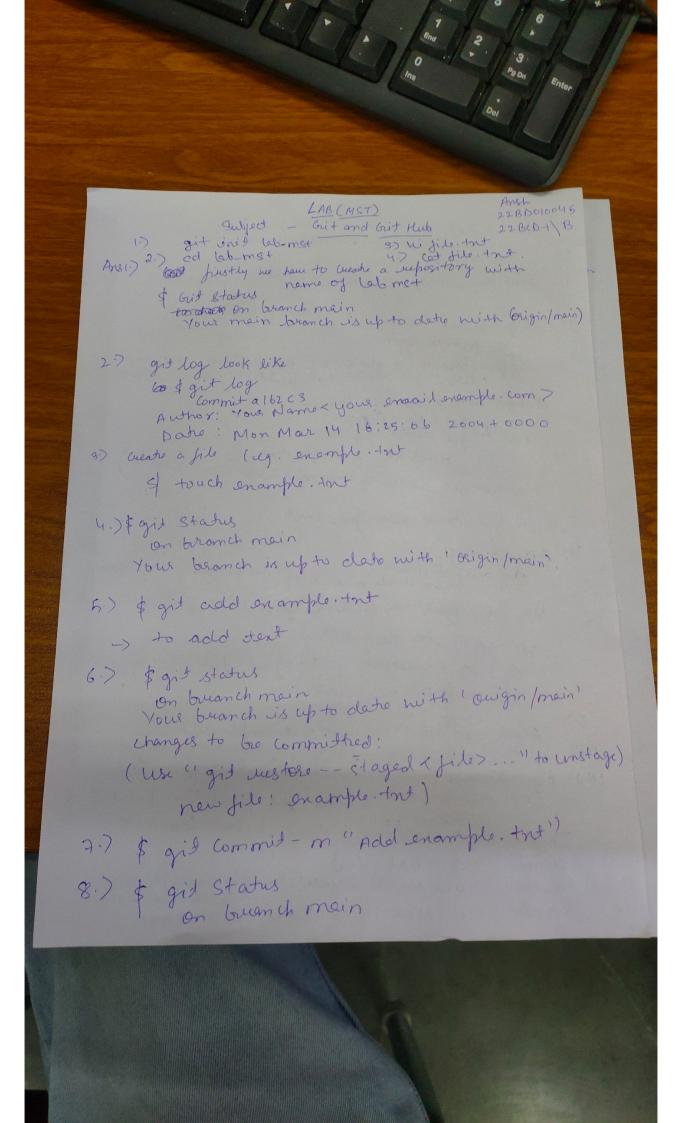
```
ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git log
fatal: your current branch 'master' does not have any commits yet

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ touch example.txt

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git add example.txt

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git status
On branch master

No commits yet

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

Untracked files:
```

```
ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git commit -m "add example.txt"
[master (root-commit) e5abc9c] add example.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 example.txt

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file.txt

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

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ echo "new content" > example.txt

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git status
On branch master
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:   example.txt

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

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

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git add example.txt
```

```
ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git add example.txt
warning: in the working copy of 'example.txt', LF will be replaced by CRLF the next time Git touches it

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   example.txt

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


ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ echo "another change" > example.txt

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git commit -m "update example.txt"
[master c7f4b61] update example.txt
 1 file changed, 1 insertion(+)

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git status
On branch master
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:   example.txt

Untracked files:
```

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

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

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git log
commit c7f4b6151fede3cdf2c1ce988bb7b7dd24b70910 (HEAD -> master)
Author: master <sharmaansh900@gmail.com>
Date:   Fri Mar 15 13:11:27 2024 +0530

    update example.txt

commit e5abc9cd2828c2a643ef30fef9ddedd763e1049f
Author: master <sharmaansh900@gmail.com>
Date:   Fri Mar 15 13:08:05 2024 +0530

    add example.txt

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git update example.txt
Warning! `git update` has been deprecated;
Please use `git update-git-for-windows` instead.
Unknown option: example.txt
Usage: git update-git-for-windows [options]
Options:
        -g, --gui Use GUI instead of terminal to prompt
```

```
ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git update example.txt
Warning! `git update` has been deprecated;
Please use `git update-git-for-windows` instead.
Unknown option: example.txt
Usage: git update-git-for-windows [options]
Options:
        -g, --gui Use GUI instead of terminal to prompt
        -y, --yes Automatic yes to download and install prompt
Return code:
 0: no update available
        1: update available and user selected not to update
        2: update available and it was started

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git add example.txt
warning: in the working copy of 'example.txt', LF will be replaced by CRLF the next time Git touches it

ansh@LAPTOP-RS5N8096 MINGW64 ~/lab-mst (master)
$ git commit -m "another change to example.txt"
[master 1130a64] another change to example.txt
 1 file changed, 1 insertion(+), 1 deletion(-)
```

Arsh
22BDO10045
22BCD-1\B

LAB (MST)

Subject — Git and Git Hub

1.) git init lab-mst   3) wi file.tnt
2.) cd lab-mst   4) cat file.tnt

Ans1.) 2.) firstly we have to create a repository with
name of lab mst

$ Git status
~~to check~~ on branch main
Your main branch is up to date with (origin/main)

2.) git log look like

$ git log
Commit a162c3
Author: Your Name < your. email.example.com >
Date : Mon Mar 14 16:25:06 2004 + 0000

3.) create a file (eg. example.tnt

$ touch example.tnt

4.) $ git status
on branch main
Your branch is up to date with 'origin/main'

5.) $ git add example.tnt

→ to add text

6.) $ 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: example.tnt)

7.) $ git commit - m " Add example.tnt ')

8.) $ git status
on branch main

(Use Git Push to Commit the changes).
                        and Publish local Commit).

9.) echo "new message" > example.txt

10.) $ git status
        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>
      use "git restore <file>
                modified : example.txt
    No changes added to Commit (use "git add")

11.) $ git add example.txt

12.) $ git status
        On branch main
        Your branch is ahead of 'origin/main' by 1 Commit
    use "git push" to publish your local commits

    changes to be Commited:
    (use "git restore -- staged <file>..." to unstage)
        modified example.txt

13.) echo " Another change"> example.txt
14.) git commit -m " update example.txt"
15.) $ git status
        On main branch   (use "git push" to publish
          2 commits.   local Commits
    $ git log
    Commit 123456 abcdef
    Author : your Name < your.email@example.com)
                        (Sharma crush900@gmail.com)
    Date : Mon Mar 14 16:30:12 2024 +0000

update example.txt

commit a1b2c3d4e5j6
Author: Your Name < your.email@ sharmaansh900
                                    @gmail.com
Date:

    Add example.txt

16-) $ git add example.txt
     git commit -m "Another change to
                           example.txt"