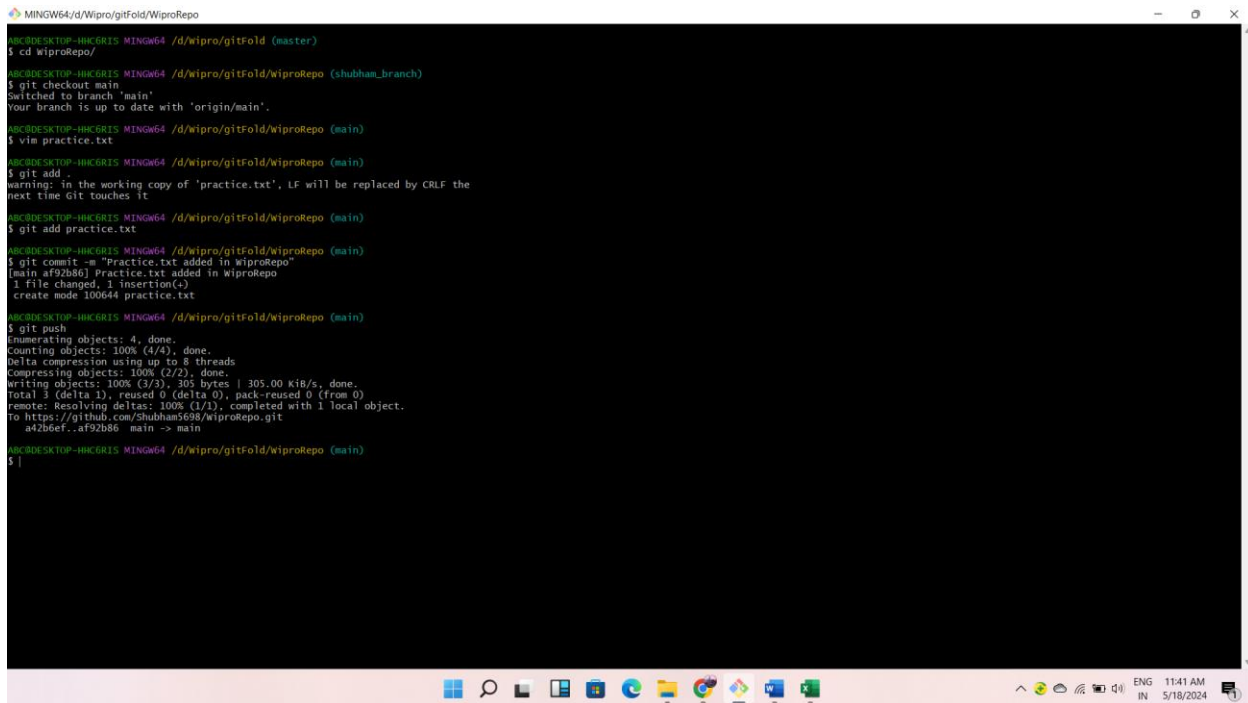


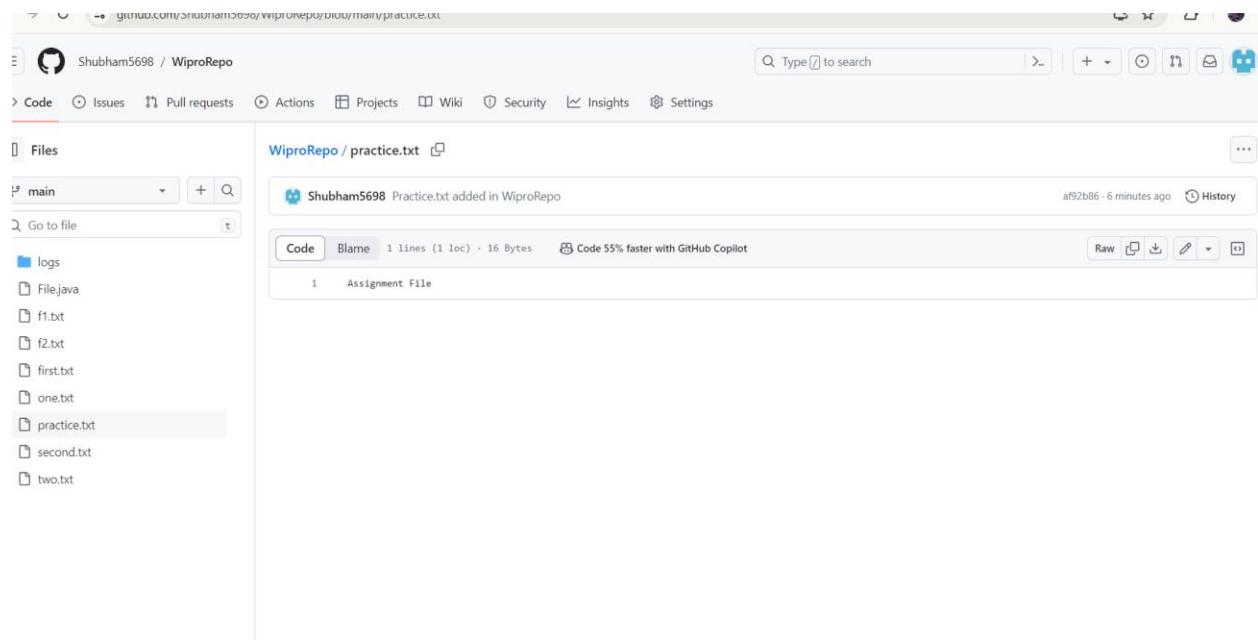
## Git Assignment:

Que 1. Initialize a new Git repository in a directory of your choice. Add a simple text file to the repository and make the first commit.

## ScreenShots:



```
MINGW64/d/wipro/gitFold/wiproRepo
ARCADESKTOP-HMC6R15 MINGW64 /d/wipro/gitFold (master)
$ cd wiproRepo/
ARCADESKTOP-HMC6R15 MINGW64 /d/wipro/gitFold/wiproRepo (shubham_branch)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
ARCADESKTOP-HMC6R15 MINGW64 /d/wipro/gitFold/wiproRepo (main)
$ vim practice.txt
ARCADESKTOP-HMC6R15 MINGW64 /d/wipro/gitFold/wiproRepo (main)
$ git add .
warning: in the working copy of 'practice.txt', LF will be replaced by CRLF the
next time Git touches it
ARCADESKTOP-HMC6R15 MINGW64 /d/wipro/gitFold/wiproRepo (main)
$ git add practice.txt
ARCADESKTOP-HMC6R15 MINGW64 /d/wipro/gitFold/wiproRepo (main)
$ git commit -m "Practice.txt added in wiproRepo"
[main af92b86] Practice.txt added in wiproRepo
1 file changed, 1 insertion(+)
create mode 100644 practice.txt
ARCADESKTOP-HMC6R15 MINGW64 /d/wipro/gitFold/wiproRepo (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 305 bytes | 305.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Shubham5698/wiproRepo.git
a42b6ef..af92b86 main -> main
ARCADESKTOP-HMC6R15 MINGW64 /d/wipro/gitFold/wiproRepo (main)
$ |
```



Que 2.

Branch Creation and Switching. Create a new branch named 'feature' and switch to it. Make changes in the 'feature' branch and commit them.

```

ABC@DESKTOP-HHC6RTS MINGW64 /d/wipro/gitFold/WiproRepo (main)
$ git branch feature

ABC@DESKTOP-HHC6RTS MINGW64 /d/wipro/gitFold/WiproRepo (main)
$ git checkout feature
Switched to branch 'feature'

ABC@DESKTOP-HHC6RTS MINGW64 /d/wipro/gitFold/WiproRepo (feature)
$ echo from feature > feature.txt

ABC@DESKTOP-HHC6RTS MINGW64 /d/wipro/gitFold/WiproRepo (feature)
$ vi feature.txt

ABC@DESKTOP-HHC6RTS MINGW64 /d/wipro/gitFold/WiproRepo (feature)
$ git add .
warning: in the working copy of 'feature.txt', LF will be replaced by CRLF the n
ext time Git touches it

ABC@DESKTOP-HHC6RTS MINGW64 /d/wipro/gitFold/WiproRepo (feature)
$ git commit -m"feature.txt created in feature-branch"
[feature 7cf18b1] feature.txt created in feature-branch
 1 file changed, 2 insertions(+)
 create mode 100644 feature.txt

ABC@DESKTOP-HHC6RTS MINGW64 /d/wipro/gitFold/WiproRepo (feature)
$ git push
fatal: The current branch feature has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin feature


To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.

ABC@DESKTOP-HHC6RTS MINGW64 /d/wipro/gitFold/WiproRepo (feature)
$ git push origin feature
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 311 bytes | 311.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'feature' on GitHub by visiting:
remote:   https://github.com/Shubham5698/WiproRepo/pull/new/feature
remote:
To https://github.com/Shubham5698/WiproRepo.git
 * [new branch]      feature -> feature

ABC@DESKTOP-HHC6RTS MINGW64 /d/wipro/gitFold/WiproRepo (feature)

```

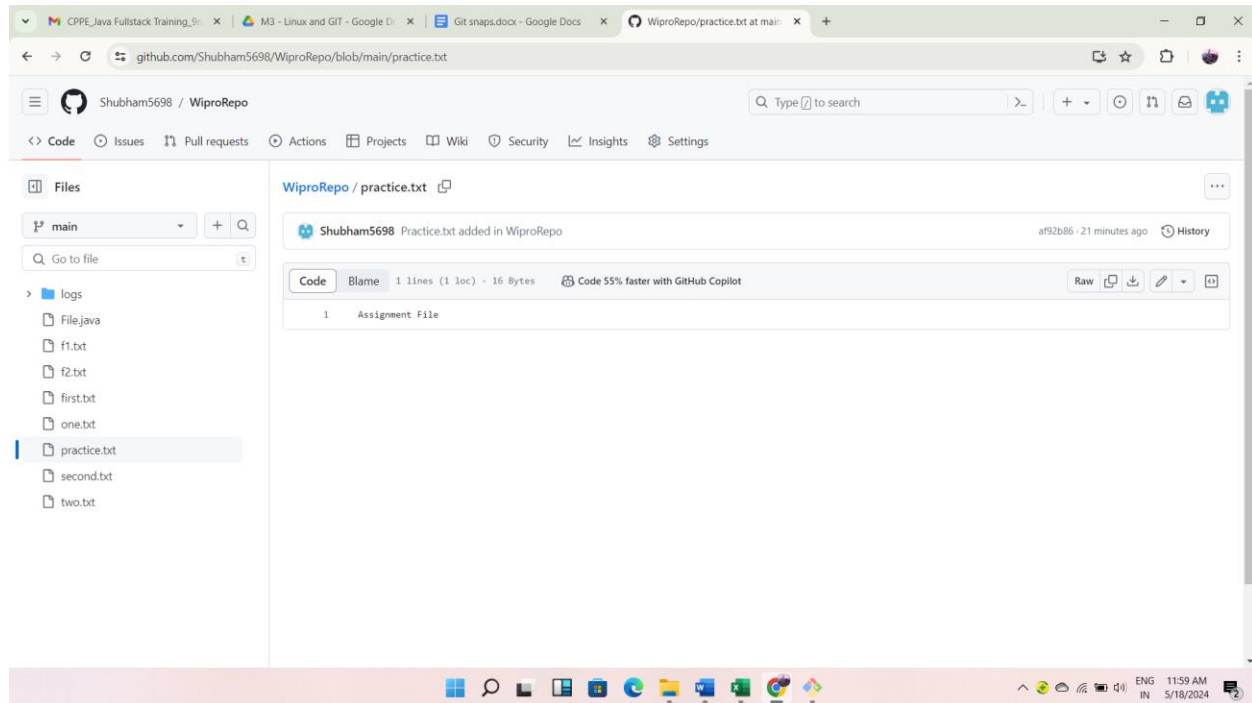
WiproRepo

 **feature** had recent pushes 8 seconds ago

Compare & pull request

About

No description, wel



Que 3.

Feature Branches and Hotfixes

Create a 'hotfix' branch to fix an issue in the main code. Merge the 'hotfix' branch into 'main' ensuring that the issue is resolved.

```
ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (feature)
$ cd ..

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold (master)
$ cd wiproRepo/

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (feature)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (main)
$ vim code.txt

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (main)
$ cat code.txt
class Main
{

    public static void main(String[] args)
    {
        int a=12.f;
        System.out.println(a);
    }
}

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (main)
$ git add .
warning: in the working copy of 'code.txt', LF will be replaced by CRLF the next
time Git touches it

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (main)
$ git commit -m"code.txt have issue in variable declartion"
[main cfb7526] code.txt have issue in variable declartion
1 file changed, 9 insertions(+)
create mode 100644 code.txt

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (main)
$ git branch hotfix

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (main)
$ git checkout hotfix
Switched to branch 'hotfix'

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (hotfix)
$ git merge main
Already up to date.
```

```

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (hotfix)
$ ls
File.java  f1.txt  first.txt  one.txt      second.txt
code.txt   f2.txt  logs/      practice.txt two.txt

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (hotfix)
$ cat code.txt
class Main
{

    public static void main(String[] args)
    {
        int a=12.f;
        System.out.println(a);
    }
}


ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (hotfix)
$ vim code.txt

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (hotfix)
$ cat code.txt
class Main
{

    public static void main(String[] args)
    {
        float a=12.f;
        System.out.println(a);
    }
}

ABC@DESKTOP-HHC6RIS MINGW64 /d/wipro/gitFold/wiproRepo (hotfix)
$ git push origin hotfix
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 389 bytes | 389.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'hotfix' on GitHub by visiting:
remote:   https://github.com/Shubham5698/wiproRepo/pull/new/hotfix
remote:
To https://github.com/Shubham5698/wiproRepo.git
 * [new branch]      hotfix -> hotfix

```

 **hotfix** had recent pushes 3 minutes ago

[Compare & pull request](#)

CPPE\_Java Fullstack Training\_5... M3 - Linux and GIT - Google D... Git snaps.docx - Google Docs WiproRepo/code.txt at hotfix -

github.com/Shubham5698/WiproRepo/blob/hotfix/code.txt

Shubham5698 / WiproRepo

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Files

hotfix

Go to file

logs

File.java

code.txt

f1.txt

f2.txt

first.txt

one.txt

practice.txt

second.txt

two.txt

WiproRepo / code.txt

Shubham5698 code.txt have issue in variable declaration cfb7526 - 7 minutes ago History

Code Blame 9 lines (8 loc) - 121 Bytes Code 55% faster with GitHub Copilot Raw Download Edit View

```
1 class Main
2 {
3
4     public static void main(String[] args)
5     {
6         int a=12.f;
7         System.out.println(a);
8     }
9 }
```

ENG IN 12:16 PM 5/18/2024