

Assignment – 2

Name : Gayatri Sahu

Regd. No : 2141019146

 MINGW64:/d/Assignment2_git

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d
$ mkdir Assignment2_git
```

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d
$ cd Assignment2_git
```

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git
$ git init
Initialized empty Git repository in D:/Assignment2_git/.git/
```

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git (master)
$ echo "initial file" >> file.txt
```

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git (master)
$ git add file.txt
warning: in the working copy of 'file.txt', LF will be replaced by CRLF the next
time Git touches it
```

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git (master)
$ git commit -m "initial commit with file.txt : file updated"
[master (root-commit) b73a48c] initial commit with file.txt : file updated
1 file changed, 1 insertion(+)
create mode 100644 file.txt
```

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git (master)
$ git branch wipro
```

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git (master)
$ git checkout wipro
Switched to branch 'wipro'
```

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git (wipro)
$ echo "this is a new change in the wipro branch" >> file.txt
```

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git (wipro)
$ git add file.txt
warning: in the working copy of 'file.txt', LF will be replaced by CRLF the next
time Git touches it
```

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git (wipro)
$ git commit -m "updated file in wipro branch"
[wipro 97229ef] updated file in wipro branch
1 file changed, 1 insertion(+)
```

MINGW64:/d/Assignment2_git

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git (wipro)
$ git checkout master
Switched to branch 'master'
```

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git (master)
$ echo "this is the conflicting change in the master branch" >> file.txt
```

git add file.txt

git commit -m "update file.txt in the master branch"

git merge wipro

After changing in the file.txt directly and save the file

git add file.txt

git commit -m "resolved merge conflict and merged wipro"

git log

MINGW64:/d/Assignment2_git

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git (master)
$ echo "this is the conflicting change in the master branch" >> file.txt
```

```
gayat@LAPTOP-7CELG1M7 MINGW64 /d/Assignment2_git (master)
commit 6c5e4549a7ce700c2aa5372dfe297b8d932a78bc (HEAD -> master)
Merge: 2c109a3 97229ef
Author: Gayatri Sahu <gayatri.sahu0890@gmail.com>
Date: Thu Apr 3 13:13:41 2025 +0530
```

resolved merge conflict and merged wipro

```
commit 2c109a3eefd63bfd5e35e459d2f58498778b4c50
Author: Gayatri Sahu <gayatri.sahu0890@gmail.com>
Date: Thu Apr 3 13:11:56 2025 +0530
```

update file.txt in the master branch

```
commit 97229ef6bc7e97bcc1c130ea4cfea6d2a20f9948 (wipro)
Author: Gayatri Sahu <gayatri.sahu0890@gmail.com>
Date: Thu Apr 3 13:10:10 2025 +0530
```

updated file in wipro branch

```
commit b73a48c226e3947803123e49df301787a2e33c48
Author: Gayatri Sahu <gayatri.sahu0890@gmail.com>
Date: Thu Apr 3 13:07:49 2025 +0530
```

```
:...skipping...
commit 6c5e4549a7ce700c2aa5372dfe297b8d932a78bc (HEAD -> master)
Merge: 2c109a3 97229ef
Author: Gayatri Sahu <gayatri.sahu0890@gmail.com>
Date: Thu Apr 3 13:13:41 2025 +0530
```

resolved merge conflict and merged wipro

```
commit 2c109a3eefd63bfd5e35e459d2f58498778b4c50
Author: Gayatri Sahu <gayatri.sahu0890@gmail.com>
Date: Thu Apr 3 13:11:56 2025 +0530
```

update file.txt in the master branch

```
commit 97229ef6bc7e97bcc1c130ea4cfea6d2a20f9948 (wipro)
Author: Gayatri Sahu <gayatri.sahu0890@gmail.com>
Date: Thu Apr 3 13:10:10 2025 +0530
```

updated file in wipro branch

```
commit 6c5e4549a7ce700c2aa5372dfe297b8d932a78bc (HEAD -> master)
Merge: 2c109a3 97229ef
Author: Gayatri Sahu <gayatri.sahu0890@gmail.com>
Date: Thu Apr 3 13:13:41 2025 +0530
```

resolved merge conflict and merged wipro

```
commit 2c109a3eefd63bfd5e35e459d2f58498778b4c50
Author: Gayatri Sahu <gayatri.sahu0890@gmail.com>
Date: Thu Apr 3 13:11:56 2025 +0530
```

update file.txt in the master branch

```
commit 97229ef6bc7e97bcc1c130ea4cfea6d2a20f9948 (wipro)
Author: Gayatri Sahu <gayatri.sahu0890@gmail.com>
Date: Thu Apr 3 13:10:10 2025 +0530
```

updated file in wipro branch

```
commit b73a48c226e3947803123e49df301787a2e33c48
Author: Gayatri Sahu <gayatri.sahu0890@gmail.com>
Date: Thu Apr 3 13:07:49 2025 +0530
```

initial commit with file.txt : file updated

| Name | Date modified | Type | Size |
|---------------|---------------|------|------|
| 3.cpp | | | |
| funcq1.cpp | | | |
| funcq2.cpp | | | |
| funcq3.cpp | | | |
| Limitations a | | | |
| index.html | | | |
| file.txt | | | |
| file.tx | | | |

File Edit View

```
initial file
<<<<<<< HEAD
this is the conflicting change in the master branch
=====
this is a new change in the wipro branch
>>>>>> wipro
```

| Name | Date modified | Type | Size |
|---------------|---------------|------|------|
| 3.cpp | | | |
| funcq1.cpp | | | |
| funcq2.cpp | | | |
| funcq3.cpp | | | |
| Limitations a | | | |
| index.html | | | |
| file.txt | | | |
| file.tx | | | |

File Edit View

```
initial file
this is the conflicting change in the master branch
this is a new change in the wipro branch
|
```