

LOS GIT ASSIGNMENT 2 - SHAAN ROUT (2141018101)

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iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101$ mkdir Git
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101$ cd Git
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git init
Initialized empty Git repository in /home/iteradmin/Desktop/los_git_assignment2_2141018101/Git/.git/
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ cat > file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ echo "This is the master branch." > file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git add file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git commit -m "First commit on master with file.txt"
[master (root-commit) b13e624] First commit on master with file.txt
1 file changed, 1 insertion(+)
create mode 100644 file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git log
commit b13e6244a8b2e14c9e27f2e6481b07e3a29e590c (HEAD -> master)
Author: Shaan Rout <shaan.rout.1@gmail.com>
Date: Thu Apr 3 10:28:17 2025 +0530

    First commit on master with file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git branch
HEAD      master
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git branch "Wipro"
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git checkout Wipro
Switched to branch 'Wipro'
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ echo "This line is from Wipro branch." > file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git add file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git commit -m "file.txt updated in Wipro branch."
[Wipro b4d3bc1] file.txt updated in Wipro branch.
1 file changed, 1 insertion(+), 1 deletion(-)
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git log
commit b4d3bc138c13244ad442ca9edea5362139ea75f0 (HEAD -> Wipro)
Author: Shaan Rout <shaan.rout.1@gmail.com>
Date: Thu Apr 3 10:31:35 2025 +0530

    file.txt updated in Wipro branch.

commit b13e6244a8b2e14c9e27f2e6481b07e3a29e590c (master)
Author: Shaan Rout <shaan.rout.1@gmail.com>
Date: Thu Apr 3 10:28:17 2025 +0530

    First commit on master with file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git checkout master
Switched to branch 'master'
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ echo "This line is from master branch." > file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git add file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git commit -m "file.txt updated in master branch."
[master 816477c] file.txt updated in master branch.
1 file changed, 1 insertion(+), 1 deletion(-)
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git log
commit 816477c150f2d1cd606b81740f52ae3d9417a7a6 (HEAD -> master)
Author: Shaan Rout <shaan.rout.1@gmail.com>
Date: Thu Apr 3 10:33:40 2025 +0530

    file.txt updated in master branch.

commit b13e6244a8b2e14c9e27f2e6481b07e3a29e590c
Author: Shaan Rout <shaan.rout.1@gmail.com>
Date: Thu Apr 3 10:28:17 2025 +0530

    First commit on master with file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git merge Wipro
Auto-merging file.txt
CONFLICT (content): Merge conflict in file.txt
Automatic merge failed; fix conflicts and then commit the result.
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ echo -e "This line is from master branch. \nThis line is from Wipro branch." > file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git add file.txt
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git commit -m "Resolved merge conflict in file.txt"
[master 4cc7af0] Resolved merge conflict in file.txt
```

```
iteradmin@D001-38:~/Desktop/los_git_assignment2_2141018101/Git$ git log
commit 4cc7af0ddf0f7a8ca3d988abba52163ad15f034a (HEAD -> master)
Merge: 816477c b4d3bc1
Author: Shaan Rout <shaan.rout.1@gmail.com>
Date: Thu Apr 3 10:36:44 2025 +0530
```

Resolved merge conflict in file.txt

```
commit 816477c150f2d1cd606b81740f52ae3d9417a7a6
Author: Shaan Rout <shaan.rout.1@gmail.com>
Date: Thu Apr 3 10:33:40 2025 +0530
```

file.txt updated in master branch.

```
commit b4d3bc138c13244ad442ca9edea5362139ea75f0 (Wipro)
Author: Shaan Rout <shaan.rout.1@gmail.com>
Date: Thu Apr 3 10:31:35 2025 +0530
```

file.txt updated in Wipro branch.

```
commit b13e6244a8b2e14c9e27f2e6481b07e3a29e590c
Author: Shaan Rout <shaan.rout.1@gmail.com>
Date: Thu Apr 3 10:28:17 2025 +0530
```

First commit on master with file.txt