Week8 Assignment 3

```
DBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/dem
  touch file1
  scSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git
touch file2
                 -ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git
 cat >file1
his is line1 in file1
:SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git
cat file1
this is line1 in file1
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git
cat >file2
his is linel in file2
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git git add file1 atal: not a git repository (or any of the parent directories): .git
  git init
iitialized empty Git repository in C:/Users/ashrit.bharadwaj/Desktop/ASHRIT/JavaTraining/demo_git/.git/
                   ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master);
git add file1
varning: in the working copy of 'file1', LF will be replaced by CRLF the next time Git touches it
            AL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master
  git add .
arning: in the working copy of 'file2', LF will be replaced by CRLF the next time Git touches it
         OBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
 hanges to be committed:

(use "git rm --cached <file>..." to unstage)

new file: file1

new file: file2
(SCSGLOBAL-ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) is git commit -m "one line added to each file" [master (root-commit) fb/38ee] one line added to each file (committer: Ashrit Bharadwaj ashrit.bharadwaj@koerber-supplychain.com> (our name and email address were configured automatically based on your username and hostname. Please check that they are accurate. You can suppress this message by setting them explicitly. Run the following command and follow the instructions in your editor to edit your configuration file:
     git config --global --edit
after doing this, you may fix the identity used for this commit with:
     git commit --amend --reset-author
2 files changed, 2 insertions(+)
create mode 100644 file1
create mode 100644 file2
                ashrit.bharadwaj@IN-18X3B54 MINGw64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)+
 git status
n branch master
othing to commit, working tree clean
git log

ommit fb738ee877f3269683a3ecdbeb940f0c820add70 (HEAD -> master)

uthor: Ashrit Bharadwaj <ashrit.bharadwaj@koerber-supplychain.com>

ate: Tue Mar 4 10:06:56 2025 +0530
     one line added to each file
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) cat>>file1 ine2 added to file1
            3AL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
 git add .
arning: in the working copy of 'file1', LF will be replaced by CRLF the next time Git touches it
KSCSGLOBAL-ashrit.bharadwaj@IN-18x3B54 MINGW64 -/Desktop/ASHRIT/JavaTraining/demo_git (master)
$ git commit -m "update on file1"
[master 734b140] update on file1
Committer: Ashrit Bharadwaj ashrit.bharadwaj@koerber-supplychain.com>
four name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
fou can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:
     git config --global --edit
fter doing this, you may fix the identity used for this commit with:
     git commit --amend --reset-author
 1 file changed, 1 insertion(+)
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git log --oneline 34b140 (HEAD -> master) update on file1 9738ee one line added to each file
  CSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
```

```
git log --since="5 min ago"
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGw64 -/Desktop/ASHRIT/JavaTraining/demo_git (master)
git log --max-count=3
ommit 734b140818bccfad2d4b3f7d5be9116ee37aad52 (HEAD -> master)
uthor: Ashrit Bharadwaj <ashrit.bharadwaj@koerber-supplychain.com>
ate: Tue Mar 4 10:09:30 2025 +0530
      update on file1
  ommir 197 30ee0/7132990333ecube94010c32940d/0
uthor: Ashrit Bharadwaj «ashrit.bharadwaj@koerber-supplychain.com>
ate: Tue Mar 4 10:06:56 2025 +0530
      one line added to each file
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
i git log --max-count=1
commit 734b140818bccfad2d4b3f7d5be9116ee37aad52 (HEAD -> master)
uuthor: Ashrit Bharadwaj <ashrit.bharadwaj@koerber-supplychain.com>
tue Mar 4 10:09:30 2025 +0530
      update on file1
   SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) echo "line3 added to file2">>file2
                +ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
S git diff
warning: in the working copy of 'file2', LF will be replaced by CRLF the next time Git touches it
diff --git a/file2 b/file2
index 83474fe..f9ba89e 100644
--- a/file2
+++ b/file2
  this is line1 in file2
            AL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
   git add .
rning: in the working copy of 'file2', LF will be replaced by CRLF the next time Git touches it
   SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 <mark>~/Desktop/ASHRIT/JavaTraining/demo_git (master)</mark>
dit diff
sah: dit: command not found
   SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git diff
     SGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
                          GLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
  ls
ile1 file2 foo.txt
  -ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
  ntracked files:
(use "git add <file>..." to include in what will be committed)
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git clean -f
emoving foo.txt
      SGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
   ls
ile1 file2
   GCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
   scSqLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
echo "line4 added to file2">>file2
  SCSGLOBAL+ashrit.bhana
git status
n branch master
hanges to be committed:
(use "git restore --st
readified: file
                                 -staged <file>..." to unstage)
   nanges not staged for commit:
(use "git add <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
               .+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
  git add .
arning: in the working copy of 'file2', LF will be replaced by CRLF the next time Git touches it
 XSCSGLOBAL+ashrit.bharadwaj@IN-18x3854 MINGw64 -/Desktop/ASHRIT/JavaTraining/demo_git (master)
$ git commit - m "line4 added to file 2"
Imaster a477872] line4 added to file 2"
Committer: Ashrit Bharadwaj <ashrit bharadwaj@koerber-supplychain.com>
'dour name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
'Gou can suppress this message by setting them explicitly. Run the
'following command and follow the instructions in your editor to edit
your configuration file:
      git config --global --edit
  fter doing this, you may fix the identity used for this commit with:
      git commit --amend --reset-author
  1 file changed, 2 insertions(+)
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git log --oneline 477b72 (HEAD -> master) line4 added to file 2 3ab140 update on file1 b738ee one line added to each file
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git reset HADQA
Istaged changes after reset:
file2
KSCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 -/Desktop/ASHRIT/JavaTraining/demo_git (master)
$ git log --oneline
```

```
140 (<mark>HEAD -> master)</mark> update on file1
See one line added to each file
                  -ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
 SCSGLOBAL+aShrit.Unaradwaysin-reached a git status
n branch master
n branch master
(use "git add <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
  changes added to commit (use "git add" and/or "git commit -a")
          DBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
  is add . .
arning: in the working copy of 'file2', LF will be replaced by CRLF the next time Git touches it
(SCSGLOBAL+ashrit.bharadwa;@IN-18X3B54 MINGw64 -/Desktop/ASHRIT/JavaTraining/demo_git (master)
i git commit -m "re-commiting"
[master 077adb0] re-commiting
[Committer: Ashrit Bharadwaj ashrit.bharadwaj@koerber-supplychain.com>
four name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
fou can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:
     git config --global --edit
 fter doing this, you may fix the identity used for this commit with:
     git commit --amend --reset-author
 1 file changed, 2 insertions(+)
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git log --oneline
77adb0 (HEAD -> master) re-commiting
34b140 update on file1
b738ee one line added to each file
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git reset --hard HEADA
EAD is now at 734b140 update on filel
  CSGLOBAL as NTT Contracting SEC 107399
git status
n branch master
othing to commit, working tree clean
  anges not staged for commit:
(use "git add <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
 o changes added to commit (use "git add" and/or "git commit -a")
              L+ashrit.bharadwai@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
XSCSGLOBAL+ashrit.bharadwaj@IN-18x3854 MINGw64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
5 git commit -m "line3 added to file1"
Imaster e27a962] line3 added to file1
Committer: Ashrit Bharadwaj <ashrit.bharadwaj@koerber-supplychain.com>
/our name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
/our can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
/our configuration file:
              in the working copy of 'file1', LF will be replaced by CRLF the next time Git touches it
     git config --global --edit
fter doing this, you may fix the identity used for this commit with:
     git commit --amend --reset-author
 1 file changed, 1 insertion(+)
                  ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54
git status
n branch master
othing to commit, working tree clean
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git reset --soft HEAD^
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGw64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git log --oneline
34b140 (HEAD -> master) update on file1
5738ee one line added to each file
                  ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
  git status
branch ma
      t status
ranch master
ges to be committed:
ges to to be committed:
se "git restore --staged <file>..." to unstage)
modified: file1
     GGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
```

```
SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 -/Desktop/ASHRIT/JavaTraining/demo_git (master)
git rm --cached file1
m 'file1'
             ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
SCSGLOBAL+asnrit.onaradwaj@IN-18X3854 MINGW64 ~/De:
git status
hard master
hanges to be committed:
(use "git restore --staged <file>..." to unstage)
deleted: file1
ntracked files:
(use "git add <file>..." to include in what will be committed)
SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git rm -f file1 atal: pathspec 'file1' did not match any files
  SGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
ls
ile1 file2
         AL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git add .
git add .
arning: in the working copy of 'file1', LF will be replaced by CRLF the next time Git touches it
SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 -/Desktop/ASHRIT/JavaTraining/demo_git (master)
git rm -f file1
m 'file1'
    GLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
 CSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
                          radwai@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master
git restore file2
        3AL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git restore file1 rror: pathspec 'file1' did not match any file(s) known to git
SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
rm file2
           ashrit.bharadwaj@IN-18X3B54 MINGw64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)+
SCSGLOBAL+ashrit.bharadmajein-iskies+ minomon
git status
n branch master
hanges to be committed:
(use "git restore --staged <file>..." to unstage)
deleted: file1
nanges not staged for commit:
(use "git add/rm <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGw64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git restore --staged file1
SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git restore file1
SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git restore file2
        AL+ashrit.bharadwai@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git_(master)
git stus
it: 'stus' is not a git command. See 'git --help'.
he most similar command is status
    GLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGw64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git status
h branch master
othing to commit, working tree clean
```

```
touch a.txt
                  ashrit.bharadwai@IN-18X3R54 MTNGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git_(master)
 touch b.txt
                      rit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
 SCSGLOBAL+ashri
git add a.txt
(SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
is git commit - m "clm"
(master 4bea2c8] clm
(committer: Ashrit Bharadwaj <ashrit.bharadwaj@koerber-supplychain.com>
(our name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
(ou can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
(your configuration file:
    git config --global --edit
After doing this, you may fix the identity used for this commit with:
     git commit --amend --reset-author
1 file changed, 0 insertions(+), 0 deletions(-) create mode 100644 a.txt
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git add b.txt
(SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
§ git commit - m "c2m"
[master d33e5d3] c2m
(committer: Ashrit Bharadwaj <ashrit.bharadwaj@koerber-supplychain.com>
(our name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
(ou can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
(your configuration file:
     git config --global --edit
fter doing this, you may fix the identity used for this commit with:
     git commit --amend --reset-author
1 file changed, 0 insertions(+), 0 deletions(-) create mode 100644 b.txt
scsGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git log --oneline
                            .bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
 git log --oneline
33e5d3 (HEAD -> master) c2m
          SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git branch
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGw64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git checkout -b feature vitched to a new branch 'feature'
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature) git branch
                    hrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
 touch z.txt
                +ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
 git status
n branch feature
hanges not staged for commit:
(use "git add/rm <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
 ntracked files:
(use "git add <file>..." to include in what will be committed)
  changes added to commit (use "git add" and/or "git commit -a")
     GLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
git add z.txt
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
git commit -m "clf"
feature 1052c25] clf
Committer: Ashrit Bharadwaj <ashrit.bharadwaj@koerber-supplychain.com>
our name and email address were configured automatically based
n your username and hostname. Please check that they are accurate.
```

```
scsGLOBAL+ashrit.bharadwaj@
git checkout feature
file1
file2
vitched to branch 'feature'
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature) git add .
KSCSGLOBAL-ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)

$ git commit - m "c2f"
[feature 5c6138b] c2f

Committer: Ashrit Bharadwaj <ashrit.bharadwaj@koerber-supplychain.com>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:
      git config --global --edit
 fter doing this, you may fix the identity used for this commit with:
      git commit --amend --reset-author
 2 files changed, 3 deletions(-)
delete mode 100644 file1
delete mode 100644 file2
 SCSGLUBAL+ASRITT.DHARAGWAJ@IN-18X3B54
git status
n branch feature
othing to commit, working tree clean
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature) git checkout master witched to branch 'master'
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git status
n branch master
othing to commit, working tree clean
    CSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
 git status
n branch feature
othing to commit, working tree clean
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature) git checkout master witched to branch 'master'
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git status n branch master othing to commit, working tree clean
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGw64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git log --oneline
33e5d3 (HEADA >- master) c2m
bea2c8 clm
34b140 update on file1
b738ee one line added to each file
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
c git merge feature
pdating d33e5d3..5c6138b
ast-forward
filel | 2 --
file2 | 1 -
z.txt | 0
3 files changed, 3 deletions(-)
delete mode 100644 file1
delete mode 100644 file2
create mode 100644 z.txt
               AL+ashrit.bharadwai@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
  scsgLoBAL+ash
git log --on-
c6138b (HEAD
052c25 c1f
33e5d3 c2m
bea2c8 c1m
                    -ashrit.ord
--oneline
<u>FAD -> master</u>, feature) c2f
              update on file1
one line added to each file
```

```
dwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature
 (SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
& git commit -m "c3f"
[feature 857effd] c3f
Committer: Ashrit Bharadwaj <ashrit.bharadwaj@koerber-supplychain.com>
(our name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
(ou can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:
     git config --global --edit
fter doing this, you may fix the identity used for this commit with:
     git commit --amend --reset-author
 1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 m.txt
            AL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54
git status
n branch feature
othing to commit, working tree clean
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature) touch n.txt
        .OBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
  git add
SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
is git commit - m "c4f"
[feature 4b715ed] c4f
[Committer: Ashrit Bharadwaj <ashrit.bharadwaj@koerber-supplychain.com>
four name and email address were configured automatically based
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your configuration file:
     git config --global --edit
fter doing this, you may fix the identity used for this commit with:
                                                                                -/Desktop/ASHRIT/JavaTraining/demo_git (feature)
 git log --oneline
b715ed (HEAD -> feature) c4f
S7effd c3f
c6138b (master) c2f
052c25 c1f
           c2m
c1m
            update on file1
one line added to each file
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature) git checkout master vitched to branch 'master'
            update on file1
one line added to each file
      GLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) touch c.txt
                +ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
KSCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGw64 -/Desktop/ASHRIT/JavaTraining/demo_git (master)
$ git commit -m "c3m"
[master 80279dd] c3m
Committer: Ashrit Bharadwaj <ashrit.bharadwaj@koerber-supplychain.com>
rour name and email address were configured automatically based
ny your username and hostname. Please check that they are accurate.
rou can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
rour configuration file:
     git config --global --edit
 fter doing this, you may fix the identity used for this commit with:
     git commit --amend --reset-author
  L file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 c.txt
              AL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
  git log --oneline

1715ed (HEAD -> feature) c4f

17effd c3f

16138b (master) c2f
              c1f
c2m
c1m
              update on file1
one line added to each file
                   +ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
  git checkout master vitched to branch 'master' erge branch 'feature'
```

```
made by the 'ort' strategy.
 m.txt | 0
n.txt | 0
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 m.txt
create mode 100644 n.txt
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master) git log --oneline --graph c5709c2 (HEAD -> master) Merge branch 'feature'
        4b715ed (feature) c4f
857effd c3f
80279dd c3m
   /
5c6138b c2f
1052c25 c1f
d33e5d3 c2m
4bea2c8 c1m
734b140 update on file1
fb738ee one line added to each file
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 M<mark>INGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)</mark>
KSCSGLOBAL+ashrit.bharadwaj@IN

§ git diff feature
diff --git a/c.txt b/c.txt
new file mode 100644
index 000000..e59de29
diff --git a/e.txt b/e.txt
index e1785b3..c6e70c9 100644
--- a/e.txt
+++ b/e.txt
488 -1 +1.7 @8
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGw64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git log --oneline --graph
Sbca35f (HEAD -> master) c5m
328565f c4m
c5709c2 Merge branch 'feature'
     4b715ed c4f
857effd c3f
80279dd c3m
            b c2f
5 c1f
13 c2m
8 c1m
              update on file1
one line added to each file
         OBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
                            bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
  scallobal+ashrit.onaradwajein-18x3854 Mingw64 -/Desktop/ASHKII/Ji
git merge feature
uto-merging e.txt
DNFLICT (add/add): Merge conflict in e.txt
utomatic merge failed; fix conflicts and then commit the result.
 SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGw64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master|MERGING)
cat e.txt
<<<<<< HEAD
irst line added
ew data added by master branch
  ew data added by feature branch
```

```
git merge feature uto-mergene-18/3854 MINGWO4 ~/DESKLOP/ASHRII/J git merge feature uto-merging e.txt OMFLICT (add/add): Merge conflict in e.txt utomatic merge failed; fix conflicts and then commit the result.
    CSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master|MERGING)
 SCSGLOBAL ASSITTE BRITAL BRITAL BRITAL SCALE CATE CATE ASSISTANCE 
 =====
ew data added by feature branch
>>>>> feature
   SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 -/Desktop/ASHRIT/JavaTraining/demo_git (master|MERGING)
vim e.txt
                                    shrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master|MERGING)
 cat e.txt
irst line added
ew data added by master branch
ew data added by feature branch
           GLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master|MERGING)
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGw64 git status n branch master ou have unmerged paths. (fix conflicts and run "git commit") (use "git merge --abort" to abort the merge)
   merged paths:
(use "git add <file>..." to mark resolution)
 o changes added to commit (use "git add" and/or "git commit -a")
(SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master|MERGING)
S git commit -m "reolved conflit"
master c8a604b] reolved conflit
Committer: Ashrit sharadwaj ashrit.bharadwaj@koerber-supplychain.com>
'our name and email address were configured automatically based
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following command and follow the instructions in your editor to edit

Your configuration file:
         git config --global --edit
                                                    .bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
   git log --oneline --graph
c8a604b (HEAD -> master) reolved conflit
          8e9e17b (feature) c5f
5bca35f c5m
328565f c4m
c5709c2 Merge branch 'feature'
         4b715ed c4f
857effd c3f
80279dd c3m
                          c2f
c1f
c2m
c1m
update on file1
one line added to each file
          GLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGw64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
   SCSCLOBAL+ashrit, bharadwai@IN-J
git log --oneline --graph
b1f423a (HEAD -> feature) c7f
5662f11 c6f
8e9e17b c5f
4b715ed c4f
857effd c3f
5c6138b c2f
1052c25 c1f
d33e5d3 c2m
4bea2c8 c1m
734b140 undate on file1
                           update on file1
one line added to each file
                       AL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
   SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
git checkout master
vitched to branch 'master'
SCSGLOBAL-starts bharadwards
   git log --oneline --graph
97f36eb (HEAD -> master) c6m
c8a604b reolved conflit
                     e17b c5f
a35f c5m
                                 c4m
Merge branch 'feature'
         4b715ed c4f
857effd c3f
80279dd c3m
                          c2f
c1f
c2m
c1m
update on file1
one line added to each file
                 OBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
```

```
KSCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGw64 -/Desktop/ASHRIT/JavaTraining/demo_git (master)
§ git cherry-pick 5662f11
[master ac7c9f5] c6f
Date: Tue Mar 4 12:24:23 2025 +0530
Committer: Ashrit Bharadwaj <ashrit.bharadwaj@koerber-supplychain.com>
Your name and email address were configured automatically based
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Your configuration file:
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 fter doing this, you may fix the identity used for this commit with:
      git commit --amend --reset-author
 1 file changed, 0 insertions(+), 0 deletions(-) create mode 100644 q.txt
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git log --oneline --graph
ac7c9f5 (HEAD -> master) c6f
97f36eb c6m
c8a604b reolved conflit
      8e9e17b c5f
5bca35f c5m
328565f c4m
c5709c2 Merge branch 'feature'
      4b715ed c4f
857effd c3f
80279dd c3m
            8b c2f
25 c1f
13 c2m
28 c1m
40 update on file1
ee one line added to each file
         .OBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
  ls
txt b.txt c.txt e.txt m.txt n.txt p.txt q.txt z.txt
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
  ls
.txt b.txt c.txt e.txt m.txt n.txt p.txt q.txt z.txt
    CSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (feature)
  txt b.txt e.txt m.txt n.txt o.txt q.txt z.txt
                                       adwaj@IN-18X3B54 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master
  git tag "first_tag"
  SCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/demo_git (master)
git log --oneline --graph
ac7c9f5 (HEAD -> master, tag: first_tag) c6f
g7f36eb c6m
c8a604b reolved conflit
           9e17b c5f
ca35f c5m
8565f c4m
709c2 Merge branch 'feature'
             b c2f
25 c1f
33 c2m
88 c1m
40 update on file1
ee one line added to each file
```