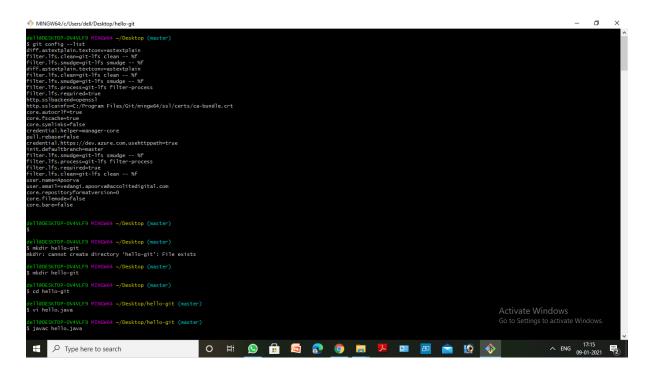
#### **GIT BASIC COMMANDS**



# MINGW64:/c/Users/dell/Desktop/hello-git

```
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop (master)
$ cd hello-git

dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ vi hello.java

dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ javac hello.java

dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ java hello.java
Hello world
```

## GIT ADD, GIT COMMIT AND GIT LOG

```
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git init
Initialized empty Git repository in C:/Users/dell/Desktop/hello-git/.git/

dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git status
On branch master

No commits yet

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

```
(use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ vi readme.md
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git add hello.java
warning: LF will be replaced by CRLF in hello.java.
The file will have its original line endings in your working directory
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git add readme.md
warning: LF will be replaced by CRLF in readme.md.
The file will have its original line endings in your working directory
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git status
On branch master
No commits yet
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file: hello.java
new file: readme.md
Untracked files:
  (use "git add <file>..." to include in what will be committed)
```

```
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git git commit -m "first commit"
git: 'git' is not a git command. See 'git --help'.
The most similar command is
         init
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git commit -m "first commit"
[master (root-commit) fe996b9] first commit
2 files changed, 9 insertions(+)
create mode 100644 hello.java
 create mode 100644 readme.md
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
commit fe996b9aadaa5ea9dff688e61c5c82b11ce029eb (HEAD -> master)
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
        Sat Jan 9 17:00:29 2021 +0530
Date:
    first commit
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git log --oneline
fe996b9 (HEAD -> master) first commit
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git log --stat
commit fe996b9aadaa5ea9dff688e61c5c82b11ce029eb (HEAD -> master)
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
Date: Sat Jan 9 17:00:29 2021 +0530
    first commit
 hello.java | 8 +++++++
 readme.md | 1 +
 2 files changed, 9 insertions(+)
```

## GIT DIFF AND GIT DIFF -STAGED

```
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (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)
Untracked files:
  (use "git add <file>..." to include in what will be committed)
no changes added to commit (use "git add" and/or "git commit -a")
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git diff
warning: LF will be replaced by CRLF in hello.java.
The file will have its original line endings in your working directory
diff --git a/hello.java b/hello.java
index 9f90c4b..dcb7d60 100644
--- a/hello.java
+++ b/hello.java
@@ -3,6 +3,7 @@ class hello
        public static void main(String[] args)
                 System.out.println("Hello world");
                 System.out.println("World hello");
 }
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git add hello.java
warning: LF will be replaced by CRLF in hello.java.
The file will have its original line endings in your working directory
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified: hello.java
Untracked files:
  (use "git add <file>..." to include in what will be committed)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
```

```
git diff
ell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
 git dif --staged
git: 'dif' is not a git command. See 'git --help'.
The most similar commands are
       diff
       config
       difftool
       init
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
git diff --staged
diff --git a/hello.java b/hello.java
index 9f90c4b..dcb7d60 100644
-- a/hello.java
++ b/hello.java
№ -3,6 +3,7 @@ class hello
       public static void main(String[] args)
               System.out.println("Hello world");
               System.out.println("World hello");
       }
}
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
git commit -m "second commit"
[master 34c9a69] second commit
1 file changed, 1 insertion(+)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
ell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
git status
On branch master
Jntracked files:
 (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
git diff --stats
error: invalid option: --stats
ell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
 git diff--staged
```

```
git: 'diff--staged' is not a git command. See 'git --help'.
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git diff --staged
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git log
commit 34c9a6923230ac1599d3961c88becd6b0c48cde4 (HEAD -> master)
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
       Sat Jan 9 17:03:27 2021 +0530
    second commit
commit fe996b9aadaa5ea9dff688e61c5c82b11ce029eb
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
Date: Sat Jan 9 17:00:29 2021 +0530
    first commit
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git log -p -1
commit 34c9a6923230ac1599d3961c88becd6b0c48cde4 (HEAD -> master)
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
Date: Sat Jan 9 17:03:27 2021 +0530
    second commit
diff --git a/hello.java b/hello.java
index 9f90c4b..dcb7d60 100644
--- a/hello.java
+++ b/hello.java
@@ -3,6 +3,7 @@ class hello
       public static void main(String[] args)
                System.out.println("Hello world");
                System.out.println("World hello");
 }
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
```

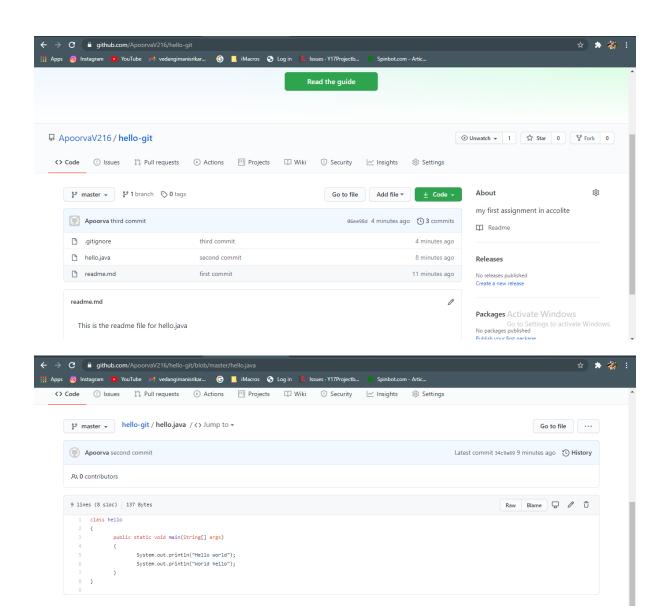
## .GITIGNORE

```
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git status
On branch master
Untracked files:
   (use "git add <file>..." to include in what will be committed)
        hello.class
nothing added to commit but untracked files present (use "git add" to track)

dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
```

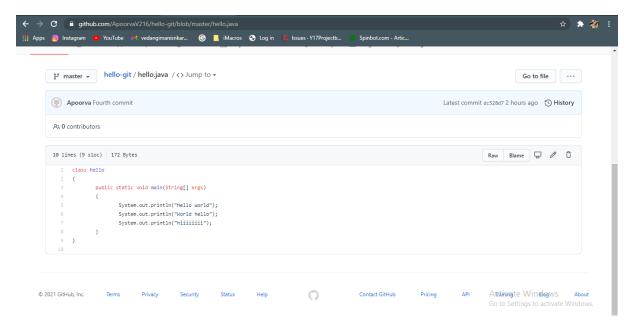
## PUSHING TO REMOTE REPOSITORY

```
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git remote add origin "https://github.com/ApoorvaV216/hello-git"
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git remote -v
origin https://github.com/ApoorvaV216/hello-git (fetch)
origin https://github.com/ApoorvaV216/hello-git (push)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git push origin master
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 4 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (10/10), 972 bytes | 324.00 KiB/s, done.
Total 10 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/ApoorvaV216/hello-git
* [new branch]
                    master -> master
```



## CHANGING CONTENTS OF FILE AND PUSHING INTO REMOTE REPOSITORY

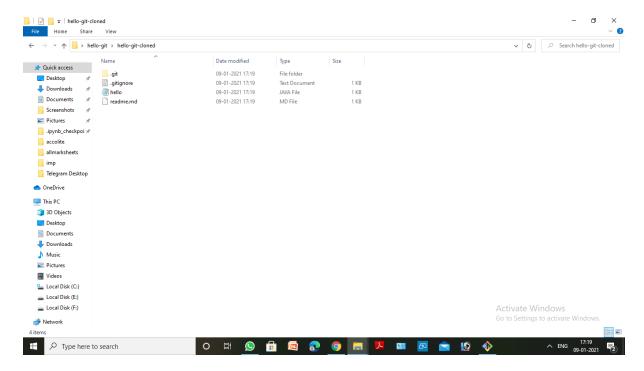
```
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ vi hello.java
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git add hello.java
warning: LF will be replaced by CRLF in hello.java.
The file will have its original line endings in your working directory
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git commit -m "Fourth commit"
[master dc528d7] Fourth commit
 1 file changed, 1 insertion(+)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 362 bytes | 362.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100\% (1/1), completed with 1 local object.
To https://github.com/ApoorvaV216/hello-git
   06ee98d..dc528d7 master -> master
```



## CLONING A PROJECT INTO WORKING DIRECTORY

```
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)

$ git clone "https://github.com/ApoorvaV216/hello-git" hello-git-cloned
Cloning into 'hello-git-cloned'...
remote: Enumerating objects: 13, done.
remote: Counting objects: 100% (13/13), done.
remote: Compressing objects: 100% (9/9), done.
remote: Total 13 (delta 2), reused 13 (delta 2), pack-reused 0
Receiving objects: 100% (13/13), done.
Resolving deltas: 100% (2/2), done.
```



## **GIT TAG**

```
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git tag -a v1.0.0 -m "First production system"
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git tag
v1.0.0
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git show v1.0.0
tag v1.0.0
Tagger: Apoorva <vedangi.apoorva@accolitedigital.com>
tag v1.0.0
Tagger: Apoorva <vedangi.apoorva@accolitedigital.com>
Date: Sat Jan 9 17:21:00 2021 +0530
First production system
commit dc528d72eee0f2b2a1b111554cdedf23f8a3fb53 (HEAD -> master, tag: v1.0.0, or
igin/master)
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
       Sat Jan 9 17:13:32 2021 +0530
Date:
    Fourth commit
diff --git a/hello.java b/hello.java
index dcb7d60..13da877 100644
--- a/hello.java
```

```
commit dc528d72eee0f2b2a1b111554cdedf23f8a3fb53 (HEAD -> master, tag: v1.0.0, or
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
Date: Sat Jan 9 17:13:32 2021 +0530
    Fourth commit
diff --git a/hello.java b/hello.java
index dcb7d60..13da877 100644
--- a/hello.java
+++ b/hello.java
@@ -4,6 +4,7 @@ class hello
                  System.out.println("Hello world");
                  System.out.println("World hello");
System.out.println("hiiiiiiii");
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
commit dc528d72eee0f2b2a1b111554cdedf23f8a3fb53 (HEAD -> master, tag: v1.0.0, or commit dc528d72eee0f2b2a1b111554cdedf23f8a3fb53 (HEAD -> master, tag: v1.0.0, or
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
Date: Sat Jan 9 17:13:32 2021 +0530
    Fourth commit
commit 06ee98d820ae8449219dfb96d553cc7079703924
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
       Sat Jan 9 17:07:44 2021 +0530
    third commit
commit 34c9a6923230ac1599d3961c88becd6b0c48cde4
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
Date: Sat Jan 9 17:03:27 2021 +0530
    second commit
 commit fe996b9aadaa5ea9dff688e61c5c82b11ce029eb
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
Date: Sat Jan 9 17:00:29 2021 +0530
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git tag -a "v2.0.0" -m "Second production" fe996b9aadaa5ea9dff688e61c5c82b11ce
029eb
```

```
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git tag
v1.0.0
v2.0.0
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git show v2.0.0
tag v2.0.0
Tagger: Apoorva <vedangi.apoorva@accolitedigital.com>
Date: Sat Jan 9 17:23:00 2021 +0530
Second production
commit fe996b9aadaa5ea9dff688e61c5c82b11ce029eb (tag: v2.0.0)
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
Date: Sat Jan 9 17:00:29 2021 +0530
tag v2.0.0
Tagger: Apoorva <vedangi.apoorva@accolitedigital.com>
Date: Sat Jan 9 17:23:00 2021 +0530
Second production
commit fe996b9aadaa5ea9dff688e61c5c82b11ce029eb (tag: v2.0.0)
Author: Apoorva <vedangi.apoorva@accolitedigital.com>
Date: Sat Jan 9 17:00:29 2021 +0530
    first commit
diff --git a/hello.java b/hello.java
new file mode 100644
index 0000000..9f90c4b
--- /dev/null
+++ b/hello.java
@@ -0,0 +1,8 @@
-class hello
        public static void main(String[] args)
               System.out.println("Hello world");
```

## **BRANCHING**

```
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git init
Reinitialized existing Git repository in C:/Users/dell/Desktop/hello-git/.git/
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
$ git add readme.md

dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
```

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```
ell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
git rm readme.md
n 'readme.md'
ell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git (master)
ello-git-cloned/ hello.class hello.java
ell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
vi readme.md
ell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
git add readme.md
arning: LF will be replaced by CRLF in readme.md.
he file will have its original line endings in your working directory
ell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
mkdir apoorva
ell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git (master)
cd apoorva
ell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
vi readme.md
ell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
nitialized empty Git repository in C:/Users/dell/Desktop/hello-git/apoorva/.git
ell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
git status
n branch master
o commits yet
ntracked files:
(use "git add <file>..." to include in what will be committed)
othing added to commit but untracked files present (use "git add" to track)
ell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
git add readme.md
arning: LF will be replaced by CRLF in readme.md.
he file will have its original line endings in your working directory
ell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
git commit "Commit 1"
```

```
[master (root-commit) 830dc3d] Commit 1
 1 file changed, 1 insertion(+)
 create mode 100644 readme.md
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ vi readme.md
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git add readme.md
warning: LF will be replaced by CRLF in readme.md.
The file will have its original line endings in your working directory
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git commit -m "Commit 2"
[master 3d6f39b] Commit 2
1 file changed, 1 insertion(+)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ vi readme.md
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git add readme.md
warning: LF will be replaced by CRLF in readme.md.
The file will have its original line endings in your working directory
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git commit -m "Commit 3"
[master bc55cf3] Commit 3
1 file changed, 1 insertion(+)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git log --oneline
bc55cf3 (HEAD -> master) Commit 3
3d6f39b Commit 2
830dc3d Commit 1
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git branch devel
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git checkout devel
Switched to branch 'devel'
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (devel)
$ git status
On branch devel
nothing to commit, working tree clean
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (devel)
$ vi readme.md
```

```
$ vi readme.md
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (devel)
$ git add readme.md
warning: LF will be replaced by CRLF in readme.md.
The file will have its original line endings in your working directory
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (devel)
$ git commit -m "Commit 4"
[devel 4da2d01] Commit 4
1 file changed, 1 insertion(+)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (devel)
$ git log --oneline
4da2d01 (HEAD -> devel) Commit 4
bc55cf3 (master) Commit 3
3d6f39b Commit 2
830dc3d Commit 1
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (devel)
```

#### FAST FORWARD LINEAR MERGE

```
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (devel)
$ git checkout master
Switched to branch 'master'
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git log --oneline
bc55cf3 (HEAD -> master) Commit 3
3d6f39b Commit 2
830dc3d Commit 1
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ vi readme.md
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git add readme.md
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git commit -m "Commit 5"
[master 39f24a5] Commit 5
1 file changed, 1 insertion(+)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git log --oneline
39f24a5 (HEAD -> master) Commit 5
bc55cf3 Commit 3
3d6f39b Commit 2
830dc3d Commit 1
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git reset --hard HEAD~1
HEAD is now at bc55cf3 Commit 3
```

```
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)

$ git log --oneline
bc55cf3 (HEAD -> master) Commit 3
3d6f39b Commit 2
830dc3d Commit 1

dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)

$ git merge devel
Updating bc55cf3..4da2d01
Fast-forward
readme.md | 1 +
1 file changed, 1 insertion(+)

dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)

$ git log --oneline
4da2d01 (HEAD -> master, devel) Commit 4
bc55cf3 Commit 3
3d6f39b Commit 2
830dc3d Commit 1
```

#### 3-WAY MERGE

```
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git log --oneline
bc55cf3 (HEAD -> master) Commit 3
3d6f39b Commit 2
830dc3d Commit 1

dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git merge devel
Updating bc55cf3..4da2d01
Fast-forward
readme.md | 1 +
1 file changed, 1 insertion(+)

dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git log --oneline
4da2d01 (HEAD -> master, devel) Commit 4
bc55cf3 Commit 3
3d6f39b Commit 2
830dc3d Commit 1
```

```
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (devel)
$ git reset --hard HEAD~1
HEAD is now at bc55cf3 Commit 3
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (devel)
$ vi readme.md
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (devel)
$ git add readme.md
dell@DESKTOP-OV4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (devel)
$ git commit -m "Commit 4"
[devel 6811f9f] Commit 4
1 file changed, 1 insertion(+), 1 deletion(-)
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (devel)
$ git checkout master
Switched to branch 'master'
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master)
$ git merge devel
Auto-merging readme.md
CONFLICT (content): Merge conflict in readme.md
Automatic merge failed; fix conflicts and then commit the result.
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master|MERGING)
$ git status
On branch master
You have unmerged paths.
 (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)
Unmerged paths:
 (use "git add <file>..." to mark resolution)
no changes added to commit (use "git add" and/or "git commit -a")
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master|MERGING)
$ vi readme.md
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master|MERGING)
$ git add readme
fatal: pathspec 'readme' did not match any files
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master|MERGING)
$ git add readme.md
dell@DESKTOP-0V4VLF9 MINGW64 ~/Desktop/hello-git/apoorva (master|MERGING)
```