Screenshots – GIT commands Assignment

By: Krishnakanth Eswaran

Git add and git rm:


```
MINGW64:/c/Users/hp/hello-git                                    —    □    ✕

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ vi new_file.txt

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ cat new_file.txt
hello world from text file!

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git add new_file.txt
warning: LF will be replaced by CRLF in new_file.txt.
The file will have its original line endings in your working directory

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   new_file.txt


hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$
```



```
MINGW64:/c/Users/hp/hello-git                                    —    □    ✕

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git commit -m "commiting new text file"
[master cb3615d] commiting new text file
 1 file changed, 1 insertion(+)
 create mode 100644 new_file.txt

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git status
On branch master
nothing to commit, working tree clean

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git log
commit cb3615de07a2b2ee4599d6f0d0f671d0ffc242ac (HEAD -> master)
Author: krishnakanth <superkk1991@gmail.com>
Date:   Wed Jan 6 23:07:16 2021 +0530

    commiting new text file

commit 24798aa631007b5b2e413ffcdabe179e711ae7c8
Author: krishnakanth <superkk1991@gmail.com>
Date:   Wed Jan 6 23:04:43 2021 +0530
```

MINGW64:/c/Users/hp/hello-git

```
hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ ls
hello-git-remote-clone/  hello.java  new_file.txt  readme.txt

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git rm new_file.txt
rm 'new_file.txt'

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    new_file.txt


hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$
```

MINGW64:/c/Users/hp/hello-git

```
hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ ls
hello-git-remote-clone/  hello.java  new_file.txt  readme.txt

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git rm new_file.txt
rm 'new_file.txt'

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    new_file.txt


hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git commit -m "commit latest changes"
[master d45331d] commit latest changes
 1 file changed, 1 deletion(-)
 delete mode 100644 new_file.txt

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$
```

Git mv:


```
hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ ls
hello-git-remote-clone/  hello1.java   new_file.txt   readme.txt

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git mv hello1.java hello2.java

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        renamed:    hello.java -> hello2.java

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


hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$
```



```
hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git diff --staged
diff --git a/hello.java b/hello2.java
similarity index 100%
rename from hello.java
rename to hello2.java

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git commit -m "trying mv-commit"
[master f423295] trying mv-commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 rename hello.java => hello2.java (100%)
```

GIT RESET:


```
hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git log
commit 8d5d9b51ca7fdf4e99dde2bb6b95bf1d9ad8f5c3 (HEAD -> master)
Author: krishnakanth <superkk1991@gmail.com>
Date:   Fri Jan 8 22:36:17 2021 +0530

    commit-3

commit c76c04e865551e69d627b08ae725cd8c40cf7438
Author: krishnakanth <superkk1991@gmail.com>
Date:   Fri Jan 8 22:35:55 2021 +0530

    commit-2

commit 7ba415162c231ade7851c102c5849b9a4fa549f2
Author: krishnakanth <superkk1991@gmail.com>
Date:   Fri Jan 8 22:33:43 2021 +0530

    commit-1

commit f423295948fb2f1fcea01d57b1c698281fdbca3d (tag: v1.0.0, tag: v1.0)
Author: krishnakanth <superkk1991@gmail.com>
Date:   Wed Jan 6 23:33:00 2021 +0530
```



```
hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ q
bash: q: command not found

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git branch devel1

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git checkout devel1
Switched to branch 'devel1'

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (devel1)
$ git add .
warning: LF will be replaced by CRLF in hello2.java.
The file will have its original line endings in your working directory

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (devel1)
$ git commit -m "commit-4"
[devel1 62c7d67] commit-4
 1 file changed, 1 insertion(+)

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (devel1)
$ git log
```

```
MINGW64:/c/Users/hp/hello-git                                    —    □    ×

commit 62c7d6726a6601ddaf97a6bafdcd11e3835c8202 (HEAD -> devel1)
Author: krishnakanth <superkk1991@gmail.com>
Date:   Fri Jan 8 22:39:20 2021 +0530

    commit-4

commit 8d5d9b51ca7fdf4e99dde2bb6b95bf1d9ad8f5c3 (master)
Author: krishnakanth <superkk1991@gmail.com>
Date:   Fri Jan 8 22:36:17 2021 +0530

    commit-3

commit c76c04e865551e69d627b08ae725cd8c40cf7438
Author: krishnakanth <superkk1991@gmail.com>
Date:   Fri Jan 8 22:35:55 2021 +0530

    commit-2

commit 7ba415162c231ade7851c102c5849b9a4fa549f2
Author: krishnakanth <superkk1991@gmail.com>
Date:   Fri Jan 8 22:33:43 2021 +0530

    commit-1
:
```

```
MINGW64:/c/Users/hp/hello-git                                    —    □    ×

$ git show head
commit 62c7d6726a6601ddaf97a6bafdcd11e3835c8202 (HEAD -> devel1)
Author: krishnakanth <superkk1991@gmail.com>
Date:   Fri Jan 8 22:39:20 2021 +0530

    commit-4

diff --git a/hello2.java b/hello2.java
index b235172..e3f505f 100644
--- a/hello2.java
+++ b/hello2.java
@@ -4,6 +4,7 @@ public class Hello {
        //commit-1 change!
        //commit-2 change!
        //commit-3 change!
+       //commit-4 chnage! (from devel1 branch)

    }
}

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (devel1)
$ git reset --hard HEAD^
HEAD is now at 8d5d9b5 commit-3
```

```
hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (devel1)
$ git reset --hard HEAD^
HEAD is now at 8d5d9b5 commit-3

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (devel1)
$ git show head
commit 8d5d9b51ca7fdf4e99dde2bb6b95bf1d9ad8f5c3 (HEAD -> devel1, master)
Author: krishnakanth <superkk1991@gmail.com>
Date:   Fri Jan 8 22:36:17 2021 +0530

    commit-3

diff --git a/hello2.java b/hello2.java
index dc50877..b235172 100644
--- a/hello2.java
+++ b/hello2.java
@@ -3,6 +3,7 @@ public class Hello {
        System.out.println("Hello, world from krishnakanth!");
        //commit-1 change!
        //commit-2 change!
+       //commit-3 change!

    }
```

GIT Tag:


```
MINGW64:/c/Users/hp/hello-git                                    —    □    ✕

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git tag -a v1.0 -m "the first mv practice"

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git tag
v1.0
v1.0.0

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git show v1.0.0
tag v1.0.0
Tagger: krishnakanth <superkk1991@gmail.com>
Date:   Wed Jan 6 23:46:25 2021 +0530

Tagging practice

commit f423295948fb2f1fcea01d57b1c698281fdbca3d (HEAD -> master, tag: v1.0.0, ta
g: v1.0)
Author: krishnakanth <superkk1991@gmail.com>
Date:   Wed Jan 6 23:33:00 2021 +0530

    trying mv-commit
```



```
MINGW64:/c/Users/hp/hello-git                                    —    □    ✕
v1.0.0

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$ git show v1.0.0
tag v1.0.0
Tagger: krishnakanth <superkk1991@gmail.com>
Date:   Wed Jan 6 23:46:25 2021 +0530

Tagging practice

commit f423295948fb2f1fcea01d57b1c698281fdbca3d (HEAD -> master, tag: v1.0.0, ta
g: v1.0)
Author: krishnakanth <superkk1991@gmail.com>
Date:   Wed Jan 6 23:33:00 2021 +0530

    trying mv-commit

diff --git a/hello.java b/hello2.java
similarity index 100%
rename from hello.java
rename to hello2.java

hp@DESKTOP-V8F09K2 MINGW64 ~/hello-git (master)
$
```