

**GURU NANAK DEV ENGINEERING COLLEGE
LUDHIANA**

Department Of Information Technology

Assignment-3

Subject: Advance Web Technology

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**Submitted To :-
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Assignment – 3

Let's first do few changes in FirstAss.html and index.html

```
kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ notepad FirstAss.html
```

FirstAss - Notepad

File Edit Format View Help

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h1>This is my first Assignment</h1>
```

```
<h2>Now Second Assignment. </h1>
```

```
Modification in second Assignment
```

```
Some more Modification in second Assignment.....
```

```
</body>
```

```
</html>
```

```
kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ notepad index.html &
[1] 1750
```

*index - Notepad

File Edit Format View Help

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
This is my second file
```

```
</body>
```

```
</html>
```

```
this is my second file for git |
```

Let's check status

```

kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.html

nothing added to commit but untracked files present (use "git add" to track)

kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (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)
        modified:   FirstAss.html

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

no changes added to commit (use "git add" and/or "git commit -a")

kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ git diff

```

1. Now let's compare the changes using git diff

```

  (use "git restore <file>..." to discard changes in working directory)
        modified:   FirstAss.html

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

no changes added to commit (use "git add" and/or "git commit -a")

kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ git diff
diff --git a/FirstAss.html b/FirstAss.html
index e69de29..344487b 100644
--- a/FirstAss.html
+++ b/FirstAss.html
@@ -0,0 +1,12 @@
+<!DOCTYPE html>
+<html>
+<body>
+
+<h1>This is my first Assignment</h1>
+
+<h2>Now Second Assignment. </h1>
+Modification in second Assignment
+Some more Modification in second Assignment.....
+
+</body>
+</html>
\ No newline at end of file

kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ git show

```

2. Git show

```

\ No newline at end of file

kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ git show
commit 2829db45f917e33c0230152ffbca2919697fd8ee (HEAD -> master)
Author: Ruchi <rsimhar746@gmail.com>
Date: Tue Dec 1 17:59:28 2020 +0530

    Restore FirstAss.html

diff --git a/FirstAss.html b/FirstAss.html
index 0ca8132..e69de29 100644
--- a/FirstAss.html
+++ b/FirstAss.html
@@ -1,8 +0,0 @@
-<!DOCTYPE html>
-<html>
-<body>
-
-<h1>This is my first Assignment</h1>
-
-</body>
-</html>
\ No newline at end of file

kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ git blame FirstAss.html

```

3.Git blame

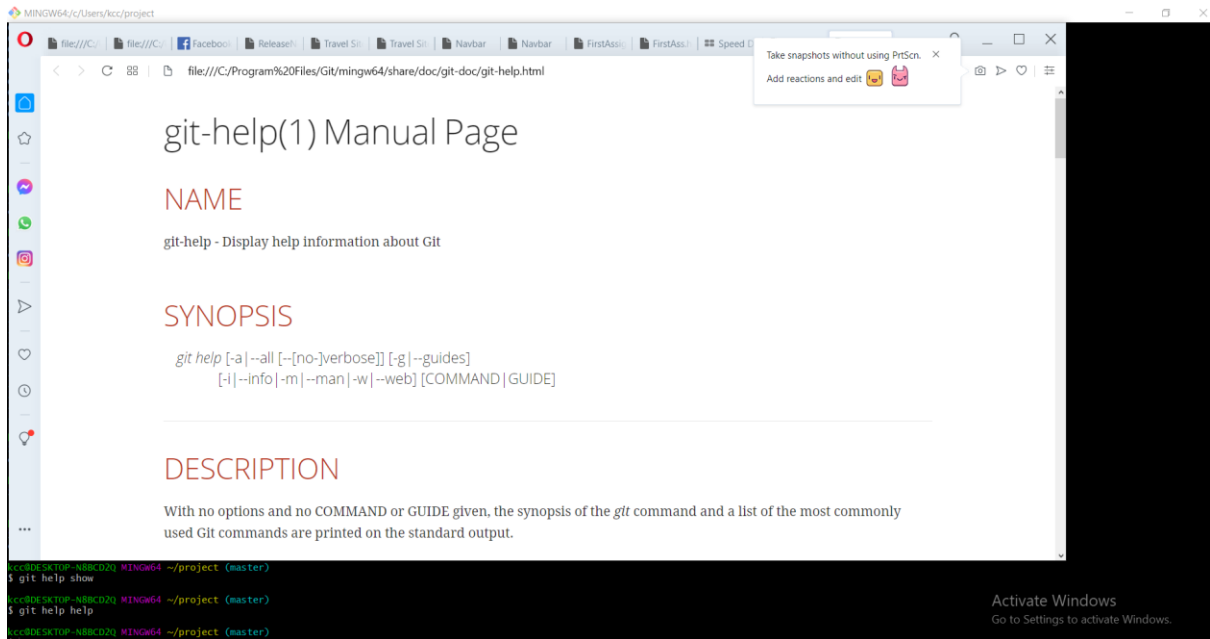
```

kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ git blame FirstAss.html
3c8f8485 (Ruchi 2020-12-01 19:01:37 +0530 1) <!DOCTYPE html>
3c8f8485 (Ruchi 2020-12-01 19:01:37 +0530 2) <html>
3c8f8485 (Ruchi 2020-12-01 19:01:37 +0530 3) <body>
3c8f8485 (Ruchi 2020-12-01 19:01:37 +0530 4)
3c8f8485 (Ruchi 2020-12-01 19:01:37 +0530 5) <h1>This is my first Assignment</h1>
3c8f8485 (Ruchi 2020-12-01 19:01:37 +0530 6)
3c8f8485 (Ruchi 2020-12-01 19:01:37 +0530 7) <h2>Now Second Assignment. </h1>
3c8f8485 (Ruchi 2020-12-01 19:01:37 +0530 8) Modification in second Assignment
3c8f8485 (Ruchi 2020-12-01 19:01:37 +0530 9) Some more Modification in second Assignment.....
3c8f8485 (Ruchi 2020-12-01 19:01:37 +0530 10)
3c8f8485 (Ruchi 2020-12-01 19:01:37 +0530 11) </body>
3c8f8485 (Ruchi 2020-12-01 19:01:37 +0530 12) </html>

kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)

```

4.Git help



file:///C:/Program%20Files/Git/mingw64/share/doc/git-doc/git-help.html

DESCRIPTION

With no options and no COMMAND or GUIDE given, the synopsis of the *git* command and a list of the most commonly used Git commands are printed on the standard output.

If the option `--all` or `-a` is given, all available commands are printed on the standard output.

If the option `--guides` or `-g` is given, a list of the Git concept guides is also printed on the standard output.

If a command, or a guide, is given, a manual page for that command or guide is brought up. The *man* program is used by default for this purpose, but this can be overridden by other options or configuration variables.

If an alias is given, git shows the definition of the alias on standard output. To get the manual page for the aliased command, use `git COMMAND --help`.

Note that `git --help ...` is identical to `git help ...` because the former is internally converted into the latter.

To display the [git\(1\)](#) man page, use `git help git`.

This page can be displayed with `git help help` or `git help --help`

OPTIONS

-a

--all

Prints all the available commands on the standard output. This option overrides any given command or guide name.



-a

--all

Prints all the available commands on the standard output. This option overrides any given command or guide name.

--verbose

When used with `--all` print description for all recognized commands. This is the default.

-c

--config

List all available configuration variables. This is a short summary of the list in [git-config\(1\)](#).

-g

--guides

Prints a list of the Git concept guides on the standard output. This option overrides any given command or guide name.

-i

--info

Display manual page for the command in the *info* format. The *info* program will be used for that purpose.

-m

--man

Display manual page for the command in the *man* format. This option may be used to override a value set in the `help.format` configuration variable.

By default the *man* program will be used to display the manual page, but the `man.viewer` configuration variable may be used to choose other display programs (see below). Activ
Go to !



By default the *man* program will be used to display the manual page, but the `man.viewer` configuration variable may be used to choose other display programs (see below).

-w

--web

Display manual page for the command in the *web* (HTML) format. A web browser will be used for that purpose.

The web browser can be specified using the configuration variable `help.browser`, or `web.browser` if the former is not set. If none of these config variables is set, the *git web--browse* helper script (called by *git help*) will pick a suitable default. See [git-web--browse\(1\)](#) for more information about this.

Ac
Go



5.Git reflog

```
kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ git reflog
3c8f848 (HEAD -> master) HEAD@{0}: commit: FirstAss.html commit
2829db4 HEAD@{1}: checkout: moving from master to master
2829db4 HEAD@{2}: checkout: moving from master to master
2829db4 HEAD@{3}: checkout: moving from 944e811e835d0f76155a90da599f1c39773eb541 to master
944e811 HEAD@{4}: checkout: moving from master to 944e811
2829db4 HEAD@{5}: commit: Restore FirstAss.html
944e811 HEAD@{6}: commit: FirstAss.html added
cbbddda HEAD@{7}: commit (initial): FirstAss Commit
```

6. Git diff HEAD tilde HEAD

```
944e811 HEAD@{6}: commit: FirstAss.html added
cbbddda HEAD@{7}: commit (initial): FirstAss Commit

kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ git diff HEAD~ HEAD
diff --git a/FirstAss.html b/FirstAss.html
index e69de29..344487b 100644
--- a/FirstAss.html
+++ b/FirstAss.html
@@ -0,0 +1,12 @@
+<!DOCTYPE html>
+<html>
+<body>
+
+<h1>This is my first Assignment</h1>
+
+<h2>Now Second Assignment. </h1>
+Modification in second Assignment
+Some more Modification in second Assignment.....
+
+</body>
+</html>
\ No newline at end of file

kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ git show HEAD
commit 3c8f848567422b4788a038c6c206b1d1dcf77545 (HEAD -> master)
Author: Ruchi <rsimhar746@gmail.com>
```

7. Git show HEAD

```
kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
$ git show HEAD
commit 3c8f848567422b4788a038c6c206b1d1dcf77545 (HEAD -> master)
Author: Ruchi <rsimhar746@gmail.com>
Date: Tue Dec 1 19:01:37 2020 +0530

    FirstASS.html commit

diff --git a/FirstAss.html b/FirstAss.html
index e69de29..344487b 100644
--- a/FirstAss.html
+++ b/FirstAss.html
@@ -0,0 +1,12 @@
+<!DOCTYPE html>
+<html>
+<body>
+
+<h1>This is my first Assignment</h1>
+
+<h2>Now Second Assignment. </h1>
+Modification in second Assignment
+Some more Modification in second Assignment.....
+
+</body>
+</html>
\ No newline at end of file

kcc@DESKTOP-N8BCD2Q MINGW64 ~/project (master)
```