

# ***GURU NANAK DEV ENGINEERING COLLEGE***

## ***DEPARTMENT OF INFORMATION TECHNOLOGY***

Batch- 2018-2022, 5th semester

SESSION -: July-Dec 2020



## **LAB MANUAL- WEB TECHNOLOGY**

### **Assignment-2**

#### **Submitted To:**


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ASSISTANT PROFESSOR**

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## Assignment – 2

*1) Go to your Git repository which you created in the previous tutorial assignment.*

 MINGW64:/c/Desktop

```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ cd c/ chessboard
bash: cd: too many arguments

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (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)
  (commit or discard the untracked or modified content in submodules)
        modified:   Chessboard (untracked content)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Awt1Assignment.pdf
        AwtAss
        new.html

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

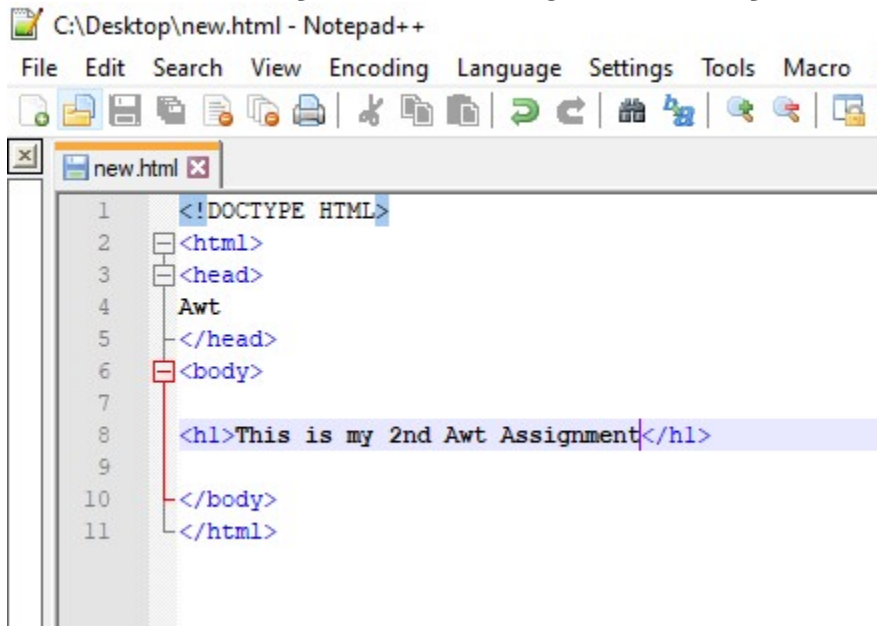
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git add .

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Awt1Assignment.pdf
        new file:   AwtAss
        new file:   new.html

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)
  (commit or discard the untracked or modified content in submodules)
        modified:   Chessboard (untracked content)

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ |
```

## 2) Do some modifications in your text file.



## 3) Commit the changes

```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git commit -m "new.html added"
[master b77730e] new.html added
3 files changed, 8 insertions(+)
create mode 100644 Awt1Assignment.pdf
create mode 100644 AwtAss
create mode 100644 new.html

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git log
commit b77730e1b03682352fedb57e9a16bb352bada6b6 (HEAD -> master)
Author: poojagupta78345 <pooja2016rcc@gmail.com>
Date: Wed Dec 2 16:03:57 2020 +0530

    new.html added

commit 589d66e95686cacaff0b2faceeca823227a51db9
Author: poojagupta78345 <pooja2016rcc@gmail.com>
Date: Wed Dec 2 14:32:34 2020 +0530

    added AwtAss

commit f2f5d843a8db57f72f0caa6203589cccc5835da5
Author: poojagupta78345 <pooja2016rcc@gmail.com>
Date: Wed Dec 2 14:13:53 2020 +0530

    added d and e

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$
```

#### 4) Remove the file

```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git rm --cached new.html
rm 'new.html'

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:   new.html

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)
  (commit or discard the untracked or modified content in submodules)
        modified:   Chessboard (untracked content)

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

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ rm new.html

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:   new.html

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)
  (commit or discard the untracked or modified content in submodules)
        modified:   Chessboard (untracked content)
```

```

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ ls
'Ass2IoT(1805538).pdf'          CSSFile..pdf
Awt1Assignment.pdf             Chessboard/
AwtAss                         CodeBlocks.Ink*
Awt_Assignment                 'Eclipse IDE for
'CHAP- 1.2 RELATIONS.pdf'      HTMLfile.pdf
'CHAP-1.1 SET THEORY.pdf'      IOT1.pdf
'CHAP-1.3 FUNCTIONS.pdf'      IOT2Ass.pdf
'CHAP-2 Propositional and Predicate Logic.pptx' IoT3.pdf
'CHAP-3 Combinatorial Mathematics.pptx' 'Java2Ass(1805538).pdf'

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git commit -am"Deleted new.html"
[master 4663b60] Deleted new.html
1 file changed, 8 deletions(-)
delete mode 100644 new.html

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git log
commit 4663b6065b70447faa45d413998cb707f2e18e46 (HEAD -> master)
Author: poojagupta78345 <pooja2016rcc@gmail.com>
Date: Wed Dec 2 16:09:05 2020 +0530

    Deleted new.html

commit b77730e1b03682352fedb57e9a16bb352bada6b6
Author: poojagupta78345 <pooja2016rcc@gmail.com>
Date: Wed Dec 2 16:03:57 2020 +0530

    new.html added

commit 589d66e95686cacaaff0b2faceeca823227a51db9
Author: poojagupta78345 <pooja2016rcc@gmail.com>
Date: Wed Dec 2 14:32:34 2020 +0530

    added AwtAss

commit f2f5d843a8db57f72f0caa6203589cccc5835da5
Author: poojagupta78345 <pooja2016rcc@gmail.com>
Date: Wed Dec 2 14:13:53 2020 +0530

    added d and e

```



## 5) Restore the removed file

MINGW64:/c/Desktop

```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git checkout cec4d9 new.html
error: pathspec 'cec4d9' did not match any file(s) known to git
error: pathspec 'new.html' did not match any file(s) known to git
```

```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ ^C
```

```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git checkout b77730 new.html
Updated 1 path from 87565ae
```

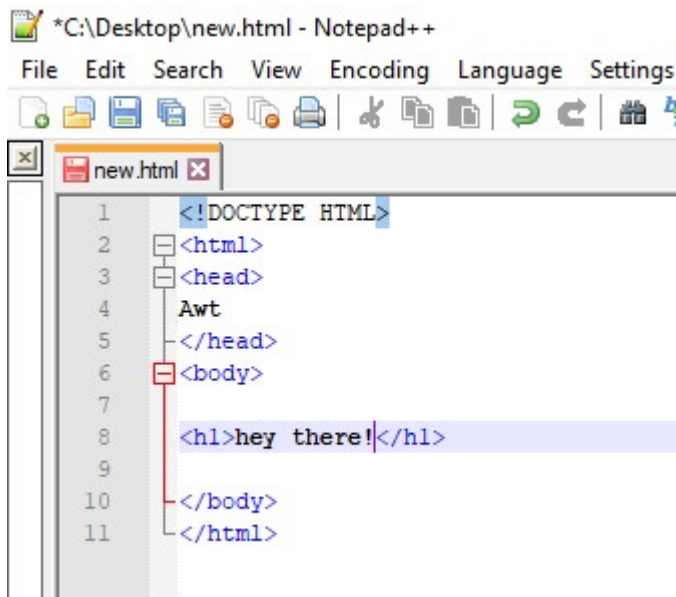
```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   new.html

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)
  (commit or discard the untracked or modified content in submodules)
    modified:   Chessboard (untracked content)
```

```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git commit -m"Restore new.html"
[master c00ae6c] Restore new.html
1 file changed, 8 insertions(+)
create mode 100644 new.html
```

```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ ls
'Ass2IoT(1805538).pdf'      CSSFile..pdf
Awt1Assignment.pdf        Chessboard/
AwtAss                    CodeBlocks.lnk*
Awt_Assignment            'Eclipse IDE for Java Developers -
'CHAP- 1.2 RELATIONS.pdf'  HTMLfile.pdf
'CHAP-1.1 SET THEORY.pdf'  IOT1.pdf
'CHAP-1.3 FUNCTIONS.pdf'   IOT2Ass.pdf
'CHAP-2 Propositional and Predicate Logic.pptx' IoT3.pdf
'CHAP-3 Combinatorial Mathematics.pptx'  'Java2Ass(1805538).pdf'
```

## 6) Make few changes in the file and discard them



```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (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)
  (commit or discard the untracked or modified content in submodules)
        modified:   Chessboard (untracked content)
        modified:   new.html

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

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
$ git checkout .
Updated 1 path from the index

admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (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)
  (commit or discard the untracked or modified content in submodules)
        modified:   Chessboard (untracked content)

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

## 7) Reverting to an earlier version

```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
```

```
$ git log --oneline
```

```
c00ae6c (HEAD -> master) Restore new.html
```

```
4663b60 Deleted new.html
```

```
b77730e new.html added
```

```
589d66e added AwtAss
```

```
f2f5d84 added d and e
```

```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop (master)
```

```
$ git checkout b77730e
```

```
Note: switching to 'b77730e'.
```

You are in 'detached HEAD' state. You can look around, make experimental changes and commit them, and you can discard any commits you make in this state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may do so (now or later) by using -c with the switch command. Example:

```
git switch -c <new-branch-name>
```

Or undo this operation with:

```
git switch -
```

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at b77730e new.html added

M Chessboard

```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop ((b77730e...))
```

```
$ ls
```

```
'Ass2IOT(1805538).pdf'
```

```
AwtAssignment.pdf
```

```
AwtAss
```

```
Awt_Assignment
```

```
'CHAP- 1.2 RELATIONS.pdf'
```

```
'CHAP-1.1 SET THEORY.pdf'
```

```
'CHAP-1.3 FUNCTIONS.pdf'
```

```
'CHAP-2 Propositional and Predicate Logic.pptx'
```

```
'CHAP-3 Combinatorial Mathematics.pptx'
```

```
CSSFile..pdf
```

```
Chessboard/
```

```
CodeBlocks.lnk*
```

```
'Eclipse IDE for Java Developers
```

```
HTMLfile.pdf
```

```
IOT1.pdf
```

```
IOT2Ass.pdf
```

```
IoT3.pdf
```

```
'Java2Ass(1805538).pdf'
```

```
admin@DESKTOP-7L3Q145 MINGW64 /c/Desktop ((b77730e...))
```

```
$ git log
```

```
commit b77730e1b03682352fedb57e9a16bb352bada6b6 (HEAD)
```

```
Author: poojagupta78345 <pooja2016rcc@gmail.com>
```

```
Date: Wed Dec 2 16:03:57 2020 +0530
```

```
new.html added
```

```
commit 589d66e95686cacaff0b2faceeca823227a51db9
```

```
Author: poojagupta78345 <pooja2016rcc@gmail.com>
```

```
Date: Wed Dec 2 14:32:34 2020 +0530
```

```
added AwtAss
```

```
commit f2f5d843a8db57f72f0caa6203589cccc5835da5
```

```
Author: poojagupta78345 <pooja2016rcc@gmail.com>
```

```
Date: Wed Dec 2 14:13:53 2020 +0530
```

```
added d and e
```