GitHub Section 0 Assignment

```
ashaik31@inlen8520018489 MINGW64 ~
$ mkdir project_dir

ashaik31@inlen8520018489 MINGW64 ~
$ cd project_dir

ashaik31@inlen8520018489 MINGW64 ~/project_dir
$ git init
Initialized empty Git repository in C:/Users/ASHAIK31/project_dir/.git/

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ touch index.html

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git status
On branch master

No commits yet

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)

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git add index.html

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git commit -m "index.html file commited"
[master (root-commit) 6ef13e1] index.html file commited
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 index.html

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ vi index.html

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ touch info.txt
```

```
ashaik31@inlen8520018489 MINGW64 ~/project_dir (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:   index.html

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

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

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ touch .gitignore

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ vi .gitignore

ashaik31@inlen8520018489 MINGW64 ~/project_dir (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:   index.html

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

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

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git commit -a -m "index.html file edited"
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
[master 60272c3] index.html file edited
 1 file changed, 10 insertions(+)
```

```
ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git log
commit 60272c3c112f1972153dd8fe7e0072e0ed8d558c (HEAD -> master)
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:   Sun Jul 10 00:02:54 2022 +0530

    index.html file edited

commit 6ef13e15e05a324bc3fcdc099783573bd7063365
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:   Sat Jul 9 23:57:04 2022 +0530

    index.html file commited

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ vi index.html

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git checkout -- index.html

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ vi index.html

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git add index.html

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git reset --hard Head~1
HEAD is now at 6ef13e1 index.html file commited

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git config --global alias.my-add add

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git my-add index.html

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git commit -m "index.html again commited"
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore

nothing added to commit but untracked files present (use "git add" to track)
ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git log
commit 6ef13e15e05a324bc3fcdc099783573bd7063365 (HEAD -> master)
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:   Sat Jul 9 23:57:04 2022 +0530

    index.html file commited

ashaik31@inlen8520018489 MINGW64 ~/project_dir (master)
$ git revert 6ef13e15e05a324bc3fcdc099783573bd7063365
[master 2ac19f8] Revert "index.html file commited"
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 index.html
```

GitHub Section 1 Assignment

```
ashaik31@inlen8520018489 MINGW64 ~
$ mkdir Assignments

ashaik31@inlen8520018489 MINGW64 ~
$ cd Assignments

ashaik31@inlen8520018489 MINGW64 ~/Assignments
$ git init
Initialized empty Git repository in C:/Users/ASHAIK31/Assignments/.git/

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ vi README.txt

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git add README.txt
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git commit -m "README.txt file commited"
[master (root-commit) 6cf4909] README.txt file commited
 1 file changed, 7 insertions(+)
 create mode 100644 README.txt

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git branch html-assignments

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

ashaik31@inlen8520018489 MINGW64 ~/Assignments (html-assignments)
$ git commit -a -m "Html assignment commited"
On branch html-assignments
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)

ashaik31@inlen8520018489 MINGW64 ~/Assignments (html-assignments)
$ git add .

ashaik31@inlen8520018489 MINGW64 ~/Assignments (html-assignments)
$ git commit -m "Html assignment file commited"
[html-assignments fc48a97] Html assignment file commited
 1 file changed, 9 insertions(+)
 create mode 100644 index.html
```

```
ashaik31@inlen8520018489 MINGW64 ~/Assignments (html-assignments)
$ vi index.html

ashaik31@inlen8520018489 MINGW64 ~/Assignments (html-assignments)
$ git commit -a -m "Html assignment file edited"
[html-assignments c0b337e] Html assignment file edited
 1 file changed, 2 insertions(+), 1 deletion(-)

ashaik31@inlen8520018489 MINGW64 ~/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ vi README.txt

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git commit -a -m "Html assignment file minor changes commited"
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory
[master 92fbdb1] Html assignment file minor changes commited
 1 file changed, 4 insertions(+), 4 deletions(-)

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

ashaik31@inlen8520018489 MINGW64 ~/Assignments (html-assignments)
$ vi index.html

ashaik31@inlen8520018489 MINGW64 ~/Assignments (html-assignments)
$ git commit -a -m "Html assignment file minor changes second time commited"
[html-assignments 2af7b1e] Html assignment file minor changes second time commit
ed
 1 file changed, 1 insertion(+), 1 deletion(-)

ashaik31@inlen8520018489 MINGW64 ~/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git merge html-assignments
Merge made by the 'ort' strategy.
 index.html | 10 ++++++++++
 1 file changed, 10 insertions(+)
 create mode 100644 index.html
```

```
ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git branch --merged
  html-assignments
* master

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was 2af7b1e).

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git branch
* master

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git log
commit f6198b02cf6ff7cb26e4e35647f2122d26f2bf86 (HEAD -> master)
Merge: 92fbdb1 2af7b1e
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:   Sun Jul 10 01:11:45 2022 +0530

    Merge branch 'html-assignments'

commit 2af7b1e425c98754554c0393000ddb98c9a5c131
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:   Sun Jul 10 01:10:54 2022 +0530

    Html assignment file minor changes second time commited

commit 92fbdb1617cc363ba9c0907829b016c2a88a2279
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:   Sun Jul 10 01:07:53 2022 +0530

    Html assignment file minor changes commited

commit c0b337e071d56887489130dd72933ccba5eb3317
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:   Sun Jul 10 01:04:54 2022 +0530

:...skipping...
commit f6198b02cf6ff7cb26e4e35647f2122d26f2bf86 (HEAD -> master)
Merge: 92fbdb1 2af7b1e
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:   Sun Jul 10 01:11:45 2022 +0530

    Merge branch 'html-assignments'

commit 2af7b1e425c98754554c0393000ddb98c9a5c131
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:   Sun Jul 10 01:10:54 2022 +0530
```

```
     Html  assignment  file  minor  changes  second  time  commited

commit 92fbdb1617cc363ba9c0907829b016c2a88a2279
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:    Sun Jul 10 01:07:53 2022 +0530

     Html  assignment  file  minor  changes  commited

commit c0b337e071d56887489130dd72933ccba5eb3317
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:    Sun Jul 10 01:04:54 2022 +0530

     Html  assignment  file  edited

commit fc48a97b9d2f69451ac136f5280c15b2c7c4a566
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:    Sun Jul 10 01:02:45 2022 +0530

     Html  assignment  file  commited

commit 6cf4909a069493c6a580e4c79a125ede5d116d87
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:    Sun Jul 10 00:55:39 2022 +0530

     README.txt file commited
```

GitHub Section 2 Assignment

```
ashaik31@inlen8520018489 MINGW64 ~/Assignments (css-assignments)
$ git commit -a -m "minor changes in style.css file in css-assignments branch"
[css-assignments be96925] minor changes in style.css file in css-assignments bra
nch
 1 file changed, 3 insertions(+), 3 deletions(-)

ashaik31@inlen8520018489 MINGW64 ~/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git merge css-assignments
Auto-merging README.txt
Merge made by the 'ort' strategy.
 README.txt |  2 +-
 style.css  | 12 ++++++++++++
 2 files changed, 13 insertions(+), 1 deletion(-)
 create mode 100644 style.css

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git branch --merged
  css-assignments
* master

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git branch -d css-assignments
Deleted branch css-assignments (was be96925).

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git log
commit 0e72d073623c1f20de3c20adc1193572ad611d92 (HEAD -> master)
Merge: 83b2196 be96925
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:   Sun Jul 10 08:37:56 2022 +0530

    Merge branch 'css-assignments'

commit be96925250958a5f4646964b3238c7700fcb6be1
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:   Sun Jul 10 08:36:30 2022 +0530

    minor changes in style.css file in css-assignments branch

commit 83b2196f437e367ee24ad59c4b2b397549bba433
Author: shaikarshadsalim <shaikarshadsalim@gmail.com>
Date:   Sun Jul 10 08:32:58 2022 +0530

    minor changes in line 3 in master branch README.txt file
```
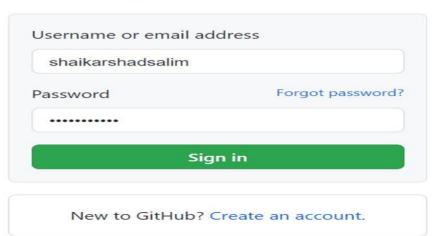
GitHub Section 3 Assignment

```
ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git branch js-assignments

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

ashaik31@inlen8520018489 MINGW64 ~/Assignments (js-assignments)
$ git add demo.js

ashaik31@inlen8520018489 MINGW64 ~/Assignments (js-assignments)
$ git commit -m "demo.js file commited in js-assignments branch"
[js-assignments 05a4b1e] demo.js file commited in js-assignments branch
 1 file changed, 11 insertions(+)
 create mode 100644 demo.js

ashaik31@inlen8520018489 MINGW64 ~/Assignments (js-assignments)
$ vi README.txt

ashaik31@inlen8520018489 MINGW64 ~/Assignments (js-assignments)
$ git commit -a -m "Minor changes in README.txt file on line 1 in js-assignments"
[js-assignments b73c78e] Minor changes in README.txt file on line 1 in js-assignments
 1 file changed, 1 insertion(+), 1 deletion(-)

ashaik31@inlen8520018489 MINGW64 ~/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ vi README.txt

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git commit -a -m "Minor changes in README.txt file on line 1 in master branch"
[master b0227c7] Minor changes in README.txt file on line 1 in master branch
 1 file changed, 1 insertion(+), 1 deletion(-)

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

ashaik31@inlen8520018489 MINGW64 ~/Assignments (js-assignments)
$ ls
README.txt  demo.js  index.html  style.css

ashaik31@inlen8520018489 MINGW64 ~/Assignments (js-assignments)
$ vi index.html
```

```
ashaik31@inlen8520018489 MINGW64 ~/Assignments (js-assignments)
$ git commit -a -m "Minor changes in index.html file in js-assignments branch"
[js-assignments f0dccb8] Minor changes in index.html file in js-assignments branch
 1 file changed, 1 insertion(+), 1 deletion(-)

ashaik31@inlen8520018489 MINGW64 ~/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git merge js-assignments
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master|MERGING)
$ vi README.txt

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master|MERGING)
$ git commit -a -m "Merge conflict in README.txt fixed"
[master 83d1eba] Merge conflict in README.txt fixed

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ git merge js-assignments
Already up to date.

ashaik31@inlen8520018489 MINGW64 ~/Assignments (master)
$ alias graph="git log --all --decorate --oneline --graph"
```

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Package Explorer

- lib
- sampleproj [SampleProj master]
  - JRE System Library [JavaSE-17]
  - src
    - sampleproj
      - SampleProj.java
- springannotation
- springannotation-lib
- springannotationproject2
- springannotationproject2-lib
- springjavaconfig
- springjavaconfig-lib
- springxml

SampleProj.java × **WelcomeMain.java**

```java
1  package sampleproj;
2
3  public class SampleProj{
4      public static void main(String[] args) {
5          System.out.println("This is a sample project");
6      }
7  }
8
```

Progress

Push to SampleProj - origin (Finished at 7:58 PM)
Can't connect to any repository: https://github.com/shaikarshadsalim/SampleProj.git (https://github.com/shaikarshadsalim/SampleProj.git: not authorized)

Push to SampleProj - origin (Finished at 8:09 PM)
Can't connect to any repository: https://github.com/shaikarshadsalim/SampleProj.git (https://github.com/shaikarshadsalim/SampleProj.git: not authorized)

Git Repositories

- Branches
- Tags
- References
- Remotes
- Working Tree - C:\Users\ASHAIK31\git\SampleP
  - .git
  - sampleproj
    - .settings
    - bin
    - src
      - sampleproj
        - SampleProj.java
    - .classpath
    - .gitignore
    - .project

Git Staging ×

Filter files

SampleProj [master]

Unstaged Changes (0)   Commit Message

Staged Changes (0)

Author: shaikarshadsalim <shaikarshadsalim@gmail.com>

Committer: shaikarshadsalim <shaikarshadsalim@gmail.com>

Push HEAD...   Commit

sampleproj [SampleProj]