✓Back to Week 1
 XLessons
 Prev
 Next

Exercise (Instructions): Basic Git Commands

Objectives and Outcomes

In this exercise you will get familiar with some basic Git commands. At the end of this exercise you will be able to:

- · Set up a folder as a Git repository
- · Perform basic Git operations on your Git repository

Basic Git Commands

- · At a convenient location on your computer, create a folder named git-test.
- · Open this git-test folder in your favorite editor.
- Add a file named index.html to this folder, and add the following HTML code to this file:

Initializing the folder as a Git repository

• Go to the git-test folder in your cmd window/terminal and type the following at the prompt to initialize the folder as a Git repository:

```
1 git init
```

Checking your Git repository status

• Type the following at the prompt to check your Git repository's status:

```
1 git status
```

Adding files to the staging area

• To add files to the staging area of your Git repository, type:

```
1 git add .
```

Commiting to the Git repository

• To commit the current staging area to your Git repository, type:

```
1 git commit -m "first commit"
```

Checking the log of Git commits

· To check the log of the commits to your Git repository, type

```
1 git log --oneline
```

• Now, modify the index.html file as follows:

```
<!DOCTYPE html>
1
2
  <html>
3
      <head></head>
4
5
     <body>
6
          <h1>This is a Header</h1>
7
          This is a paragraph
8
      </body>
   </html>
```

- Add a sub-folder named **templates** to your **git-test** folder, and then add a file named *temp.html* to the templates folder. Then set the contents of this file to be the same as the *index.html* file above.
- Then check the status and add all the files to the staging area.
- · Then do the second commit to your repository
- Now, modify the index.html file as follows:

```
<!DOCTYPE html>
   <html>
2
3
      <head></head>
4
5
     <body>
 6
           <h1>This is a Header</h1>
7
           This is a paragraph
8
           This is a second paragraph
9
       </body>
10
   </html>
```

Now add the modified index.html file to the staging area and then do a third commit.

Checking out a file from an earlier commit

