***Week 1***

Books:

* **Web Design with HTML, CSS, JavaScript and jQuery Set** by Jon Duckett
* **JavaScript and JQuery: Interactive Front-End Web Development** by Jon Duckett
* **Pragmatic Guide to Git** by Travis Swicegood
* **HTML and CSS: Design and Build Websites** by Jon Duckett
* **Learning Web Design: A Beginner’s Guide to HTML, CSS, JavaScript, and Web Graphics** by Jennifer Niederst Robbins
* **earning Web App Development** by Semmy Purewal
* **Pro Git** by Scott Chacon and Ben Straub
* **JavaScript: The Definitive Guide: Activate Your Web Pages** by David Flanagan
* **JavaScript: The Good Parts** by Douglas Crockford

Site of the tutor: [https://ClearlyDecoded.com](https://clearlydecoded.com/)

Codes used during the session: <https://github.com/jhu-ep-coursera/fullstack-course4>

Development environment & Tools needed:

* **Google Chrome Browser (Software)**
  + Already comes with CDT editor
* **Code Editor (Software)**
  + Sublime Text 3 [Recommended]
  + Brackets
  + Brackets.io
  + Notepad++
* **Git 🡪(Software) {Official Website}**
  + Set Path
  + Specify to use ‘windows console ’
  + *git –version*
  + *Git Book {Free- available on website}*
    - *Chapter 1,2,3* [Recommended]
* **NodeJs 🡪 (Software) {Official Website}**
  + *Version 13 (Windows 7)*
  + *Node --version*
  + *Npm --version*
  + *Eco $PATH \_\_\_ OR*
  + *Set Path Manually (Edit System Variables 🡪 System Variables 🡪 PATH: installed folder address)*
* **Browser Sync**
  + Open Command Prompt
  + Enter command for installing Browser Sync {Official Site}
    - *npm install –g browser-sync* (Windows)
    - *sudo npm install –g browser-sync* (Mac)
  + Install Developer-Tools if necessary
  + Browser-sync –version
* **Browser Sync Server**
  + Open Command Prompt
  + *Browser-sync start --server --directory -- files “\*”*
* GitHub.com Account
  + *Sign UP/in account*
  + *Create new repository [+ symbol on upper right corner]*
    - *Name: Coursera-Test*
    - *Description: Coursera Test Repository*
    - *Type: Public*
    - *Always add a ‘Readme’ File*
  + *Any Repository can be accessed by normal means(Online)*

*OR through Command Prompt*

* *Hosting On GitHub.com*

Console Commands

* *Mkdir \_\_\_ :* makes new folder
* *Dir :* Shows all files and folder
* *Cls:* cleans the console
* *Exit: closes console*

Ctrl + Space: Creates an HTML empty template