Lesson 1 Take Away Assignment

Over the week so the assignments as shown below. The AWS Hosted Website Assignment is most important to complete. The others are for extra credit

**AWS Hosted Website Assignment**

* Build the City of Medicine Hat Library Website
  + **Success Criteria:**Single HTML page with a search bar and a button to look for books
* Extra Credit:
  + CSS Styling using Material Design (<https://material.io/design/>)
  + When you submit your search button it takes you to a 2nd page with fake results
* Email Instructors your URL for the S3 hosted site.

Notes: keep the HTML simple and focus your attention more on navigation in the AWS console and using the S3 hosted site feature.

**Visual Studio Code Plugin Assignment**

* Ensure you can launch VSC from the command line terminal
* Add the following plugins
  + REST Client
  + TODO Highlight
  + Visual Studio KeyMap
  + Open File
  + Debugger for Chrome
  + GitLens
  + IntelliSense for CSS class names in HTML
  + JSHint

**Git Assignment**

From the command-line do the following

* Create a new folder
* Initialize it as a git repository
* Using VSC create an index.html file
* Add/Commit this file to the git repository
* Edit the index.html file purposely create an error in the HTML file.
  + confirm the HTML page is broken
* Revert this change back to what was checked in
  + confirm the pager works again

**Bit Bucket Assignment**

Create yourself a free GitHub account

* Using your email address create an account on [www.bitbucket.org](http://www.bitbucket.org)
* Add a new public repository name it the same as your S3 static website bucket.
* Get the HTTP url for your new public repository by pressing the **Clone or download** button.
* From the command line git clone this repository using the git clone ***<url>*** URL.
  + You may be required to enter in your git account/password to get access
  + copy in your**index.html**and **error.html** files
  + using git commands add these and commit them
  + then push your changes to your new bitbucket **origin**

**GitHub Command summary**

|  |  |
| --- | --- |
| **Command** | **Description** |
| git init | initializes folder as a git repository |
| git clone ***<url>*** | Clones a repository to your workstation |
| git add . | Adds files to the git staging environment |
| git status | Shows the current status of your git repository/folder |
| git commit -m***“message”*** | Commits your changes to your branch |
| git branch ***<branch-name>*** | Creates a new git branch from the current branch you are on |
| git checkout ***<branch-name>*** | Checks-out the branch specified. |
| git push ***<remote-name>*** ***<branch-name>*** | Pushes your branch to your remote (GitHub) branch. |