MMC6278 Advanced Web Topics 2

Module 2 – Homework 2 - Git and Version Control

Setup Steps:

1. Create a GitHub account: https://github.com/
2. In the upper right-hand corner, click on the "+" symbol and choose "New repository"
3. Under "Repository name" enter "m2-hw2-lastname_firstname" replacing "lastname" and "firstname" with your own
4. Make sure the repo is public, and check "Initialize this repository with a README"
5. Click create repository
6. Click "Clone or download"
7. Copy the URL
8. In the command line, cd into the folder where you store your homework assignments
9. Type git clone and paste your GitHub link, and then press enter
10. cd into the new repository
11. Type git remote -v and press enter
12. You may be asked to enter your GitHub username and then password
13. Type touch index.html and press enter
14. Type touch main.css and press enter
15. Type mkdir img and press enter
16. Copy all provided image files into the "img" folder
17. Type git add . and press enter
18. Then type git commit –m "Add project files" and press enter
19. Type git pull origin and press enter (If you get an error run git pull origin master instead)
20. Type git push origin and press enter (If you get an error run git push origin master instead)
21. Refresh your GitHub repository in the browser, and you should see your files appear

Assignment Requirements:

1. Code the webpage using the mockup and images provided, utilizing version control and very specific commits
2. Once you are happy with the webpage, create a new branch called "style-experiment"

3. In your new branch, change 3 style elements such as color or background image, committing each change
4. Merge this branch back into your master branch
5. For good practice type git pull origin and press enter before pushing your files to the remote repository
6. Push all changes to your repo using git push --all origin
7. Check that all of your commits and branches have been added to your GitHub repo

Submission:

- Create a document named "m2-hw2-lastname_firstname" replacing "lastname" and "firstname" with your own
- Add the following to the document:
  1. Link to GitHub profile
  2. Link to Homework 2's GitHub repo
  3. A list of the three style elements you changed in the "style-experiment" branch
  4. A list of any issues you had while completing this assignment, or a statement that says you had no issues while completing the assignment
  5. A list of resources you utilized in helping you complete the assignment, or a statement that says no resources outside of the class content was used
- Upload the document in the submission section for homework 2 on canvas