**Part 1:**  HTML

1. [4 marks] Go to <https://github.com/> and set up a GitHub account for this course and for the project. *Include a link to your GitHub repository(s) you will use for the project when you hand in this assignment*.

<https://github.com/frizzle101101/ElevatorProjectESE2018>

1. [4 marks] Read the guides ‘Understanding the GitHub Flow’ and ‘Hello World’ found at <https://guides.github.com/> and answer the following questions:
   1. What is a *branch* and how is it different from a *master* branch?
   2. What is a *commit*? Are commits made to a branch or to the master? Explain the importance of commit messages.
   3. What is a *pull request*? How will pull requests be useful in Project VI?
   4. What happens when you initiate a *merge*?
   5. Include a link to your hello-world repository, created in the hello-world activity
2. There is only one master branch, it is considered the definitive branch. The base of a branch points to a commit on another branch. Often a branch is created from master. It is a safe environment to make changes and experiment before merging back into the master branch.
3. A commit is a local saved change to a branch. The commit message is important because it describes what was changed and why, this makes it easier for others to follow your code. You must push the local branch to make code changes available to other contributors.
4. After you make changes in the branch you are working on you can create a pull request. This is a request to merge your branch to the master and notifies teammates to review your branch before it is merged.
5. By hitting the ‘Merge pull request’ button your branch will be merged into the master branch. A record will be kept. This allows people to go back to the various merge points if needed and view changes.
6. <https://github.com/shawna-s/hello-world.git>