Updating the Master Repository with Local Branch Changes

* Creating a branch
  + Git branch – Lists all branches in your repository.
  + Git branch <branch> -- Create a new branch called <branch>. This does not check out the new branch.
  + Git branch –d <branch> -- Deletes the specified branch if it DOES NOT have unmerged changes.
  + Git branch –D <branch> -- Force deletes the branch.
  + Git branch –m <branch> -- renames current branch to <branch>.
* Checking out a branch
  + Git checkout <existing-branch> -- Check out the specified branch, makes it the current branch.
* Check if there have been changes to the master
  + Git fetch <remote> <branch> -- Fetch the specified branch.
  + Ex: git fetch master origin
* If there have been changes you must merge them
  + Git merge <remote>/< branch>
  + Git merge origin/CurtsBranch
* Those two steps can be combined into one with pull
  + Git pull <remote> <branch> -- Fetch the specified remotes copy of the specified branch and immediately merge it into the local copy.
* Stage your changes
  + Git status – shows all of the changes in the local repo
  + Adding Files to staging area
    - Git add <file> -- stages a file
    - Git add <directory> -- stages the directory
    - Git add - -all – stages everything
  + Making a commit of the staging area
    - Git commit –m “Message” – commits the changes with the message
* After updating local repo and staging changes
  + Git push <remote> <branch> -- Push the specified branch to the <remote>.
  + Git push <remote> - -all – pushes all branches to the specified remote.
* Open a pull request
  + Navigate to: [**https://github.com/bpred754/Imperium/branches**](https://github.com/bpred754/Imperium/branches)
  + Your branch should have a pull request button on the right. Click it.
  + Fill out the comment field explaining the pull request. Click **Create Pull Request**.
  + If you are an Admin of the main repo you can merge the Pull Request.
    - Click **Pull merge request** to merge it in with the master repo.
    - Then click **Confirm merge**.
    - The merge should be completed and closed.
    - Your old branch can now be deleted through git or github.