PROCEDURE FOR CODE SUBMISSION

CS 4910, Software Engineering (Copus, Summer, 2017)

NB. Don't execute git commands that you don't understand. If you are trying to do something other than what is indicated here, ask on Taskworld. Do not blindly execute commands you find by searching the Internet!

CLONE AN ARCHIVE

Make a directory on your computer disk for your work in this class, e.g., c:\cs4910.

Open a command prompt at that directory.

Clone the archive, for example,

```
C:\cs491Ø> git clone https://github.com/491Ø/Su17.git
```

CREATE A BRANCH

Go into the root directory of the project, e.g.,

```
C:\cs491Ø> cd Su17\archetype
```

Gain knowledge of all the remote branches:

```
git fetch origin
```

Now run:

```
git branch
```

That gives you a list of all the remote branches. You want to choose one to branch from. Generally, it will be sprint_1, sprint_2, etc. Navigate to the branch you want to be the parent branch:

```
git checkout sprint_1
```

Then, create a new branch. Name the branch with your initials, and the issue you are working on:

```
git branch wpcØ1
```

You can see the branches that are in your archive:

```
git branch
```

Change to the branch you created:

```
git checkout wpcØ1
```

Now, any modifications you make are not on the branch you cloned, but on your new branch!

Make Changes, Commit, and Push to the Remote Archive

Make your code changes.

When you have tested your changes, add any changes that have not yet been added to your local repository, and commit your changes:

```
git add -A

git commit -m "fixed the infinite loop issue"
```

be sure your changes are up-to-date from the branch you branched from:

```
git checkout sprint_1

git pull
```

Then push your changes:

```
git push origin wpc01
```

Create a Pull Request

In Github, view your branch, and create a new pull request. The Scrum Master will look at the pull request and determine whether to merge the code, or will send comments back.

Doubts...

Questions? Ask on TW!