GIT GUIDE

Navigate to CS321-2018F-002 directory in your local machine

```
git checkout dev          //we will be working from the dev branch from now on
git pull                  //get up to date files
```

to checkout to an existing branch (if pair-programming), must pull from master first before switching branches to receive branch

SEE EXAMPLE BEFORE EXECUTING NEXT 3 INSTURCTIONS
Branch needs to be created for each feature you are working on…
        Appropriate commits must be performed for each branch and appropriate switching must be done when
        working on multiple features… NEW FEATURE = NEW BRANCH

```
git checkout -b [storyNum]_[Short Description]
git push origin [storyNum]_[Short Description]
git branch --set-upstream-to=origin/
      [storyNum]_[Short Description] [storyNum]_[Short Description]

      e.g.
      git checkout -b 211_NameConfBugFix
      git push origin 211_NameConfBugFix
      git branch --set-upstream-to=origin/211_NameConfBugFix 211_NameConfBugFix
```

```
git status //Ensure branch is correct
git log --graph
```

MAKE CHANGES TO YOUR CODE NOW AND TEST PERIODICALLY
Use below three commands AS APPROPRIATE

```
git add -u        //adds all "updates" you made
git commit -m "ADD INFORMATIVE MESSAGE HERE"  //Commit only when done
                                              //with a task or subtask
git log --graph        //will show the commit
git push   Do this only when you have completed the feature or someone else wants to work
```

on the branch. Before pushing, ensure that you are on your feature branch by using git log --
graph and changes are only being pushed to your appropriate branch

To test the game (WINDOWS):
Make sure you are in src folder
`.\build.bat` or `.\clean.bat` as needed after each edit to code
`.\runServer.bat`
Open another terminal
`.\runClientLocal.bat`

`Ctrl+C` ends connection   //must do on both server and client terminals when testing

FOR TEAM LEAD ONLY

For merges, switch to branch you want to merge to and run the following command where `branch_name` is the desired branch

`git pull https://github.com/htanvee/CS321-2018F-002.git <branch_name>`