

## HW#4

1.

a.

- i. I downloaded this auto clicker. <https://github.com/dikhim/uselessclicker>
- ii. It is a tool that allows automation of the mouse and keyboard of a computer to do tasks.
- iii. 26349 LOC this was found by cloning the repo and running the command combo of,

```
1.git ls-files > listOfFiles
2.cat listOfFiles | xargs wc -l | grep total | xargs | awk
  '{lineNumber+=$1}END{print lineNumber}'
```

- b. As Per my email the link at <https://archive.codeplex.com/?p=designpatternfinder> would not initiate a download on any of my devices or browsers.

2.

- a. I copied the folders of the previous homework's into a folder that I initiated as an empty git repo added all files with git add . then committed the changes. Then I linked the empty repo to the remote repo on GitHub and pushed the changes to GitHub.

b.

GitHub repository page for **dill01 / ESOF-322**. The page shows 2 commits, 1 branch, and 0 releases. The commit history table lists three commits: 'HW1' (HW upload, 1 hour ago), 'HW2' (HW upload, 1 hour ago), and 'README.md' (dummy file, 1 hour ago). The README content is 'ESOF-322'.

```
dill0@DESKTOP-V08R8MD MINGW64 /d/Dillon/Documents/MSU/ESOF-322 (master)
$ echo "# ESOF-322" >> README.md

dill0@DESKTOP-V08R8MD MINGW64 /d/Dillon/Documents/MSU/ESOF-322 (master)
$ git add README.md
warning: LF will be replaced by CRLF in README.md.
The file will have its original line endings in your working directory.

dill0@DESKTOP-V08R8MD MINGW64 /d/Dillon/Documents/MSU/ESOF-322 (master)
$ git commit -m "dummy file"
[master 02da80d] dummy file
1 file changed, 1 insertion(+)
create mode 100644 README.md

dill0@DESKTOP-V08R8MD MINGW64 /d/Dillon/Documents/MSU/ESOF-322 (master)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 321 bytes | 321.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/dill01/ESOF-322.git
e8b7ee7..02da80d master -> master

dill0@DESKTOP-V08R8MD MINGW64 /d/Dillon/Documents/MSU/ESOF-322 (master)
$
```