

Software Project Management

Lab 1: Using Git & GitHub

Commands Sequence

```
git config --global user.name "booklover98"
git config --global user.email "slhusack@gmail.com"
git clone https://github.com/TAYOsman/Lab-1.git
cd Lab-1
cat > student.txt
> Samantha Husack 100617713
git add student.txt
git commit -m "Added student file"
cat >> IgnoreExample.txt
> Here are some changes to the file
git status
git add .
git commit -m "Added content to IgnoreExample"
git add .getignore
echo "IgnoreExample.txt" > .gitignore
cat >> IgnoreExample.txt
> Second modification to file
git status
git branch bl98_Branch
git checkout bl98_Branch
notepad BranchExample.txt          #Note: used cat to edit file here
git add *.txt
git commit -m "Modified content of BranchExample.txt"
notepad BranchExample.txt          #Note: again, here I used cat to view contents of file
git checkout master
notepad BranchExample.txt          #Note: again, here I used cat to view contents of file
rm RemoveExample.txt
git add .
git commit -m "Removed RemoveExample.txt"
git status
git clean -f
git add .                          #Added screenshot file to folder
git commit -m "Added screenshots document"
```

Note

Worked on LINUX, notepad is not a feature, therefore I used cat to do all text editing.

Screenshots

Screenshot 1: git status

```
samantha@samantha-Precision-3520:~/U01T/projectmanagement/Lab-1$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   IgnoreExample.txt

no changes added to commit (use "git add" and/or "git commit -a")
```

Before commit:

```
samantha@samantha-Precision-3520:~/U01T/projectmanagement/Lab-1$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        modified:   IgnoreExample.txt
```

Screenshot 2: git status

```
samantha@samantha-Precision-3520:~/U01T/projectmanagement/Lab-1$ git status
On branch master
Your branch is ahead of 'origin/master' by 2 commits.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   .gitignore
        modified:   IgnoreExample.txt

no changes added to commit (use "git add" and/or "git commit -a")
```

Screenshot 3: Contents of BranchExample.txt on the second branch

```
samantha@samantha-Precision-3520:~/UOIT/projectmanagement/Lab-1$ cat BranchExample.txt
Here is some new text to this file
TITLE: Shotgun
Singer: George Ezra
Lyrics:
Homegrown alligator, see you later
Gotta hit the road, gotta hit the road
The sun it changed in the atmosphere
Architecture unfamiliar
I can get used to this
Time flies by in the yellow and green
Stick around and you'll see what I mean
There's a mountaintop that I'm dreaming of
If you need me you know were I'll be
I'll be riding shotgun underneath the hot sun
Feeling like a someone
I'll be riding shotgun underneath the hot sun
Feeling like a someone
The south of the equator, navigate it
Gotta hit the road, gotta hit the road
Deep-sea diving 'round the clock, bikini bottoms, lager tops
I could get used to this
Time flies by in the yellow and green
Stick around and you'll see what I mean
There's a mountaintop that I'm dreaming of
If you need me you know were I'll be
I'll be riding shotgun underneath the hot sun
Feeling like a someone
I'll be riding shotgun underneath the hot sun
Feeling like a someone
We got two in the front
Two in the back
Sailing along
And we don't look back
Time flies by in the yellow and green
Stick around and you'll see what I mean
There's a mountaintop that I'm dreaming of
If you need me you know were I'll be
I'll be riding shotgun underneath the hot sun
Feeling like a someone
I'll be riding shotgun underneath the hot sun
Feeling like a someone
I'll be riding shotgun underneath the hot sun
Feeling like a someone
I'll be riding shotgun underneath the hot sun
Feeling like a someone, a someone, a someone, someone
```

Screenshot 4: Contents of BranchExample.txt on master Branch

```
samantha@samantha-Precision-3520:~/UOIT/projectmanagement/Lab-1$ cat BranchExample.txt
samantha@samantha-Precision-3520:~/UOIT/projectmanagement/Lab-1$
```

**Note that there is nothing in this file.*

Screenshot 5: After commit

```
samantha@samantha-Precision-3520:~/U0IT/projectmanagement/Lab-1$ git status
On branch master
Your branch is ahead of 'origin/master' by 3 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
```

Screenshot 6: After cleaning repo

```
samantha@samantha-Precision-3520:~/U0IT/projectmanagement/Lab-1$ git status
On branch master
Your branch is ahead of 'origin/master' by 3 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
```

*Please note below the sequence of events that cleaned the repo

```
samantha@samantha-Precision-3520:~/U0IT/projectmanagement/Lab-1$
git commit -m "changesComplete"
On branch master
Your branch is ahead of 'origin/master' by 2 commits.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  modified:   .gitignore
  deleted:    RemoveExample.txt

no changes added to commit
samantha@samantha-Precision-3520:~/U0IT/projectmanagement/Lab-1$
git add .
samantha@samantha-Precision-3520:~/U0IT/projectmanagement/Lab-1$
git commit -m "changesComplete"
[master 894c029] changesComplete
 2 files changed, 1 insertion(+)
 delete mode 100644 RemoveExample.txt
samantha@samantha-Precision-3520:~/U0IT/projectmanagement/Lab-1$
git status
On branch master
Your branch is ahead of 'origin/master' by 3 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
```