

Eric Whalls 100657052

## Lab 1. Intro to Github

Practical:

Initialize Git:

```
100657052@UOSL19-93YKZW2 MINGW64 ~  
$ cd C:\\Users\\100657052\\Documents\\ProjectManagement  
  
100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement  
$ git init  
Initialized empty Git repository in C:/Users/100657052/Documents/ProjectManagement/.git/  
  
100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)  
$
```

Track and Commit student.txt file

```
100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)  
$ git commit -m "Initialized Repository"  
On branch master  
  
Initial commit  
  
nothing to commit  
  
100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)  
$ git commit -m "Added student.txt file"  
On branch master  
  
Initial commit  
  
Untracked files:  
  Student.txt  
  
nothing added to commit but untracked files present  
  
100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)  
$ git add *.txt  
  
100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)  
$ git commit -m "Tracked .txt files"  
[master (root-commit) 93d9362] Tracked .txt files  
 1 file changed, 2 insertions(+)  
 create mode 100644 Student.txt  
  
100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)  
$
```

Add remote origin and push files:

```
100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)
$ git remote add origin https://github.com/SPM-OT/lab-1-binaryeric.git

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 239 bytes | 119.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/SPM-OT/lab-1-binaryeric.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

Add the ignore file and ExampleIgnore.txt

```
100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    IgnoreExample.txt
    Screenshots.docx
    ~$reenshots.docx
    ~WRL0764.tmp

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Screenshots.docx
    ~$reenshots.docx
    ~WRL0764.tmp
```

## Branch Example

```
100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)
$ git branch Lab1

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)
$ git checkout Lab1
Switched to branch 'Lab1'
A       .gitignore
A       IgnoreExample.txt

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (Lab1)
$ git add .

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (Lab1)
$ git commit -m "Added branch example"
[Lab1 373dd79] Added branch example
3 files changed, 3 insertions(+)
create mode 100644 .gitignore
create mode 100644 BranchExample.txt
create mode 100644 IgnoreExample.txt

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (Lab1)
$ git push -u origin Lab1
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (5/5), 505 bytes | 252.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0)
remote:
remote: Create a pull request for 'Lab1' on GitHub by visiting:
remote:   https://github.com/SPM-OT/lab-1-binaryeric/pull/new/Lab1
remote:
To https://github.com/SPM-OT/lab-1-binaryeric.git
 * [new branch]      Lab1 -> Lab1
Branch 'Lab1' set up to track remote branch 'Lab1' from 'origin'.

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (Lab1)
$ git status
On branch Lab1
Your branch is up to date with 'origin/Lab1'.

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

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

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (Lab1)
$ git checkout master
error: Your local changes to the following files would be overwritten by checkout:
      BranchExample.txt
Please commit your changes or stash them before you switch branches.
Aborting

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (Lab1)
$ git checkout master -force
```

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Add RemoveExample and then Delete it:

```
100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)
$ git commit -m "Remove Example Delete"
[master f77a57c] Remove Example Delete
1 file changed, 1 insertion(+)
create mode 100644 RemoveExample.txt

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)
$ 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/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    RemoveExample.txt

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

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)
$ |
```

Git Clean and Status for RemoveExample

```
100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)
$ git clean
fatal: clean.requireForce defaults to true and neither -i, -n, nor -f given; refusing to clean

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)
$ 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/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    RemoveExample.txt

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

100657052@UOSL19-93YKZW2 MINGW64 ~/Documents/ProjectManagement (master)
$
```