

Kevin Alig

Homework 1.

<https://github.com/kevinalig/CEG4110.git> <- private, you have an invite waiting.

Q 3:

```
atom readme.md
git add readme.md
git commit -m "Added readme.md"
git remote add origin https://github.com/kevinalig/CEG4110.git
git push -u origin master
```

Q4:

```
git clone https://github.com/derk--/ceg4110-tutorial
rm -r -Force .git
atom HelloWorld.java
javac HelloWorld.java
git add HelloWorld.*
git commit -m "add HelloWorld.*"
git push
```

Q5.

```
cp HelloWorld.java Hello4110-a.java
cp HelloWorld.java Hello4110-b.java
git add Hello4*.*
git commit -m "add Hello4*.*"
git rm Hello4110-a.java
git commit -m "Remove Hello4110-a.java"
```

```
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master ≡ +2 ~0 -0 !]> git status
On branch master
Your branch is up-to-date with 'origin/master'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Hello4110-a.java
        Hello4110-b.java

nothing added to commit but untracked files present (use "git add" to track)
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master ≡ +2 ~0 -0 !]> git add Hello41*.*
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master ≡ +2 ~0 -0 ~]> git commit -m "Add Hello4*.*"
[master c8b00c0] Add Hello4*.*
2 files changed, 12 insertions(+)
 create mode 100644 ceg4110-tutorial/Hello4110-a.java
 create mode 100644 ceg4110-tutorial/Hello4110-b.java
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master 1]> git rm Hello4110-a.java
rm 'ceg4110-tutorial/Hello4110-a.java'
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master 1 +0 ~0 -1 ~]> git commit -m "Remove Hello
4110-1.java"
[master 2bb8ba1] Remove Hello4110-1.java
1 file changed, 6 deletions(-)
 delete mode 100644 ceg4110-tutorial/Hello4110-a.java
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master 1]>
```

Q6

```
del Hello4110-b.java
```

```
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master | ]> del Hello4110-b.java
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master | +0 ~0 -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/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)
        deleted:    Hello4110-b.java

no changes added to commit (use "git add" and/or "git commit -a")
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master | +0 ~0 -1 |]>
```

If I would have completely follow the instructions the deleted file would be in green, indicating the update is tracked but not committed.

Q7

git revert 2bb8ba16954b751739a8da8e3abadaab633cd8e6

Q8

mv .\ceg4110-tutorial\Hello4110-a.java Hello4110.java

git status

```
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master | ]> cd ..
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne [master | ]> mv .\ceg4110-tutorial\Hello4110-a.java Hello4110.java
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne [master | +1 ~0 -1 |]> git status
On branch master
Your branch is ahead of 'origin/master' by 4 commits.
  (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 checkout -- <file>..." to discard changes in working directory)
        deleted:    ceg4110-tutorial\Hello4110-a.java

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Hello4110.java

no changes added to commit (use "git add" and/or "git commit -a")
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne [master | +1 ~0 -1 |]>
```

Committing now would not track the moved file, only the missing file from the subfolder.

Q10

git mv .\ceg4110-tutorial\Hello4110-a.java Hello4110-a.java

```
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master | +1 ~0 -1 |]> mv .\Hello4110.java Hello4110-a.java
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master | ]> git status
On branch master
Your branch is ahead of 'origin/master' by 4 commits.
  (use "git push" to publish your local commits)
nothing to commit, working directory clean
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne\ceg4110-tutorial [master | ]> cd ..
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne [master | ]> git mv .\ceg4110-tutorial\Hello4110-a.java Hello4110-a.java
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne [master | +0 ~1 -0 ~]> git status
On branch master
Your branch is ahead of 'origin/master' by 4 commits.
  (use "git push" to publish your local commits)
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)
        renamed:    ceg4110-tutorial\Hello4110-a.java -> Hello4110-a.java

C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne [master | +0 ~1 -0 ~]> git commit -m "Commit from Q10"
[master 312f878] Commit from Q10
 1 file changed, 0 insertions(+), 0 deletions(-)
  rename ceg4110-tutorial\Hello4110-a.java => Hello4110-a.java (100%)
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne [master | ]> git push
Counting objects: 12, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (12/12), done.
Writing objects: 100% (12/12), 1.43 KiB | 0 bytes/s, done.
Total 12 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/kevinlig/CEG4110.git
   0d3ab62..312f878  master -> master
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne [master | ]>
```

Q11

commit 312f878060b6ae0f16c0ecc6199836118c6b75df

Author: Kevin Alig <alig.15@wright.edu>

Date: Sat Sep 10 21:20:52 2016 -0400

Commit from Q10

```
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne [master ≡]> git log -p
commit 312f878060b6ae0f16c0ecc6199836118c6b75df
Author: Kevin Alig <alig.15@wright.edu>
Date: Sat Sep 10 21:20:52 2016 -0400
```

Commit from Q10

```
diff --git a/ceg4110-tutorial/Hello4110-a.java b/Hello4110-a.java
similarity index 100%
rename from ceg4110-tutorial/Hello4110-a.java
rename to Hello4110-a.java
```

```
commit 0abbcb66dcee8a730b20e4fbb83655a6e989246cc
Author: Kevin Alig <alig.15@wright.edu>
Date: Sat Sep 10 21:04:41 2016 -0400
```

Revert "Remove Hello4110-1.java"

This reverts commit 2bb8ba16954b751739a8da8e3abadaab633cd8e6.

```
diff --git a/ceg4110-tutorial/Hello4110-a.java b/ceg4110-tutorial/Hello4110-a.java
new file mode 100644
index 0000000..373f637
--- /dev/null
+++ b/ceg4110-tutorial/Hello4110-a.java
@@ -0,0 +1,6 @@
+public class HelloWorld {
+    public static void main(String args[]){
+        System.out.println("Kevin is Awesome!");
+    }
+}
```

```
commit 90d6a10d538c008081b0be4b16411a7af877d822
Author: Kevin Alig <alig.15@wright.edu>
Date: Sat Sep 10 20:51:00 2016 -0400
```

Revert "Add Hello4*.*)"

This reverts commit c8b00c03e4569df1b927729dc2612d123be0c76d.

```
diff --git a/ceg4110-tutorial/Hello4110-b.java b/ceg4110-tutorial/Hello4110-b.java
deleted file mode 100644
index 373f637..0000000
--- a/ceg4110-tutorial/Hello4110-b.java
```

```
+++ /dev/null
@@ -1,6 +0,0 @@
-public class HelloWorld {
-    public static void main(String args[]){
-        System.out.println("Kevin is Awesome!");
-    }
-}
```

commit 2bb8ba16954b751739a8da8e3abadaab633cd8e6

Author: Kevin Alig <alig.15@wright.edu>

Date: Sat Sep 10 20:40:06 2016 -0400

Remove Hello4110-1.java

```
diff --git a/ceg4110-tutorial/Hello4110-a.java b/ceg4110-tutorial/Hello4110-a.java
deleted file mode 100644
index 373f637..0000000
--- a/ceg4110-tutorial/Hello4110-a.java
+++ /dev/null
@@ -1,6 +0,0 @@
-public class HelloWorld {
-    public static void main(String args[]){
-        System.out.println("Kevin is Awesome!");
-    }
-}
```

commit c8b00c03e4569df1b927729dc2612d123be0c76d

Author: Kevin Alig <alig.15@wright.edu>

Date: Sat Sep 10 20:38:21 2016 -0400

Add Hello4*. *

```
diff --git a/ceg4110-tutorial/Hello4110-a.java b/ceg4110-tutorial/Hello4110-a.java
new file mode 100644
index 0000000..373f637
--- /dev/null
+++ b/ceg4110-tutorial/Hello4110-a.java
@@ -0,0 +1,6 @@
+public class HelloWorld {
+    public static void main(String args[]){
+        System.out.println("Kevin is Awesome!");
+    }
+}
diff --git a/ceg4110-tutorial/Hello4110-b.java b/ceg4110-tutorial/Hello4110-b.java
new file mode 100644
```

```
index 0000000..373f637
--- /dev/null
+++ b/ceg4110-tutorial/Hello4110-b.java
@@ -0,0 +1,6 @@
+public class HelloWorld {
+    public static void main(String args[]){
+        System.out.println("Kevin is Awesome!");
+    }
+}
```

```
commit 0d3ab628499a162a4f975ba4d95f4103866b3e16
Author: Kevin Alig <alig.15@wright.edu>
Date: Sat Sep 10 20:22:11 2016 -0400
```

Add HelloWorld.*

```
diff --git a/ceg4110-tutorial/HelloWorld.class b/ceg4110-tutorial/HelloWorld.class
new file mode 100644
index 0000000..ea06666
Binary files /dev/null and b/ceg4110-tutorial/HelloWorld.class differ
diff --git a/ceg4110-tutorial/HelloWorld.java b/ceg4110-tutorial/HelloWorld.java
new file mode 100644
index 0000000..373f637
--- /dev/null
+++ b/ceg4110-tutorial/HelloWorld.java
@@ -0,0 +1,6 @@
+public class HelloWorld {
+    public static void main(String args[]){
+        System.out.println("Kevin is Awesome!");
+    }
+}
```

```
commit 8ab9cebf245488eba6d55e880fdee3974b2aba5
Author: Kevin Alig <alig.15@wright.edu>
Date: Sat Sep 10 19:38:57 2016 -0400
```

Added readme.md

```
diff --git a/readme.md b/readme.md
new file mode 100644
index 0000000..bd640d5
--- /dev/null
+++ b/readme.md
@@ -0,0 +1,4 @@
+Kevin Alig
+Color: Red
```

+Food: Pizza
+ Order, pay, eat

Q12

```
C:\Users\Kevin\Documents\School\2016 Fall\CEG 4110\AligHomeworkOne [master =>] git diff 0d3ab628499a162a4f975ba4d95f4103866b3e16 312f878060b6ae0f16c0ecc6199836118c6b75df
diff --git a/Hello4110-a.java b/Hello4110-a.java
new file mode 100644
index 0000000..373f637
--- /dev/null
+++ b/Hello4110-a.java
@@ -0,0 +1,6 @@
public class HelloWorld {
    public static void main(String args[]){
        System.out.println("Kevin is Awesome!");
    }
}
```

The above output shows the difference from the commit prior to Q5 and after Q10. The details are that the only difference tracked is the addition of Hello4110-a.java from the first commit, which demonstrates that I made an error when I reverted after deleting 2 files.