```
Select MINGW64:/c/Users/space/Desktop/csci2020u
                                                                                                       X
$ cd ^[[2;2~
bash: cd: $'\E[2': No such file or directory
bash: 2~: command not found
space@LAPTOP-VSKC1309 MINGW64 ~
$ cd Desktop
 pace@LAPTOP-VSKC1309 MINGW64 ~/Desktop
$ mkdir<csci2020u>
bash: syntax error near unexpected token `newline'
$ cd csci2020u
bash: cd: csci2020u: No such file or directory
                                                                                                          П
$ mkdir <csci2020u>
bash: syntax error near unexpected token `newline'
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop
$ mkdir csci2020u
$ cd csci2020u
$ mkdir lab01
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u
$ git init
Initialized empty Git repository in C:/Users/space/Desktop/csci2020u/.git/
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git add --all
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git commit -m "lab01"
On branch master
Initial commit
nothing to commit (create/copy files and use "git add" to track)
 space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ cd lab01
 space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
```

```
Select MINGW64:/c/Users/space/Desktop/csci2020u
                                                                                                           X
nothing to commit (create/copy files and use "git add" to track)
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ cd lab01
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ touch lab01.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git add --all
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git commit -m "lab01"
[master (root-commit) f3aca27] lab01
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 lab01/lab01.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git remote
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git remote add origin https://github.com/nick-coles/csci2020u_NickColes.git
bash: cd..: command not found
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git push origin main
error: src refspec main does not match any
git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Writing objects: 100% (4/4), 264 bytes | 132.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
             https://github.com/nick-coles/csci2020u NickColes/pull/new/master
remote:
remote:
To https://github.com/nick-coles/csci2020u_NickColes.git
* [new branch]
                     master -> master
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
```

```
Select MINGW64:/c/Users/space/Desktop/csci2020u/lab01
                                                                 X
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ touch lab01.java
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git add --all
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git commit -m"java file"
[master 21e5c24] java file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 lab01/lab01.java
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git diff master origin/master
diff --git a/lab01/lab01.java b/lab01/lab01.java
deleted file mode 100644
index e69de29..0000000
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git diff master origin/main
fatal: ambiguous argument 'origin/main': unknown revision or path not in
the working tree.
Use '--' to separate paths from revisions, like this:
'git <command> [<revision>...] -- [<file>...]'
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ touch gitignore.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ touch.gitignore
bash: touch.gitignore: command not found
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ touch .gitignore
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git add --all
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git commit -m"gitignore added"
[master a79c10a] gitignore added
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 lab01/.gitignore
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git push origin master
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 12 threads
```

```
Select MINGW64:/c/Users/space/Desktop/csci2020u/lab01
                                                                 X
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git commit -m"java file"
[master 21e5c24] java file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 lab01/lab01.java
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git diff master origin/master
diff --git a/lab01/lab01.java b/lab01/lab01.java
deleted file mode 100644
index e69de29..0000000
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git diff master origin/main
fatal: ambiguous argument 'origin/main': unknown revision or path not in
the working tree.
Use '--' to separate paths from revisions, like this:
git <command> [<revision>...] -- [<file>...]'
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ touch gitignore.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ touch.gitignore
bash: touch.gitignore: command not found
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ touch .gitignore
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git add --all
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git commit -m"gitignore added"
[master a79c10a] gitignore added
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 lab01/.gitignore
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git push origin master
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 579 bytes | 579.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/nick-coles/csci2020u_NickColes.git
   7371c31..a79c10a master -> master
```

```
X
 Select MINGW64:/c/Users/space/Desktop/2020u/csci2020u_NickColes
                                                                         $ cd ..
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop
$ cd 2020u
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u
$ git clone https://github.com/nick-coles/csci2020u_NickColes.git
Cloning into 'csci2020u_NickColes'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 12 (delta 2), reused 10 (delta 0), pack-reused 0
Unpacking objects: 100% (12/12), 958 bytes | 12.00 KiB/s, done.
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u
$ cd csci2020u NickColes
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u NickColes (master)
$ touch newfile.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u_NickColes (master)
$ git add --all
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u NickColes (master)
$ git commit -m"newfile"
[master 79471c9] newfile
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 newfile.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u NickColes (master)
git diff master origin/master
diff --git a/newfile.txt b/newfile.txt
deleted file mode 100644
index e69de29..0000000
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u_NickColes (master)
```

between 17 and 8 I missed a step so I added a new file and used the diff command to show

```
X
 Select MINGW64:/c/Users/space/Desktop/2020u/csci2020u_NickColes
remote: Total 12 (delta 2), reused 10 (delta 0), pack-reused 0
Unpacking objects: 100% (12/12), 958 bytes | 12.00 KiB/s, done.
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u
$ cd csci2020u NickColes
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u_NickColes (master)
$ touch newfile.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u NickColes (master)
$ git add --all
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u NickColes (master)
$ git commit -m"newfile"
[master 79471c9] newfile
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 newfile.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u_NickColes (master)
$ git diff master origin/master
diff --git a/newfile.txt b/newfile.txt
deleted file mode 100644
index e69de29..0000000
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u_NickColes (master)
$ touch new2file.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u NickColes (master)
$ git diff master origin/master
diff --git a/newfile.txt b/newfile.txt
deleted file mode 100644
index e69de29..0000000
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u_NickColes (master)
```

```
X
Select MINGW64:/c/Users/space/Desktop/2020u/csci2020u_NickColes
                                                                         space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u NickColes (master)
$ touch newfile.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u_NickColes (master)
$ git add --all
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u_NickColes (master)
$ git commit -m"newfile"
[master 79471c9] newfile
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 newfile.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u NickColes (master)
$ git diff master origin/master
diff --git a/newfile.txt b/newfile.txt
deleted file mode 100644
index e69de29..0000000
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u_NickColes (master)
$ touch new2file.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u NickColes (master)
$ git diff master origin/master
diff --git a/newfile.txt b/newfile.txt
deleted file mode 100644
index e69de29..0000000
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u NickColes (master)
$ git add --all
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u NickColes (master)
$ git diff master origin/master
diff --git a/newfile.txt b/newfile.txt
deleted file mode 100644
index e69de29..0000000
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u NickColes (master)
```

```
X
Select MINGW64:/c/Users/space/Desktop/csci2020u/lab01
Writing objects: 100% (5/5), 541 bytes | 541.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/nick-coles/csci2020u NickColes.git
  a79c10a..34c7b6c master -> master
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/2020u/csci2020u_NickColes (master)
$ cd ../..
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop
$ cd csci2020u
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ cd lab01
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git pull
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 5 (delta 0), reused 5 (delta 0), pack-reused 0
Unpacking objects: 100% (5/5), 521 bytes | 18.00 KiB/s, done.
From https://github.com/nick-coles/csci2020u NickColes
  a79c10a..34c7b6c master -> origin/master
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.
    git pull <remote> <branch>
If you wish to set tracking information for this branch you can do so with:
    git branch --set-upstream-to=origin/<branch> master
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u/lab01 (master)
$ git pull origin master
From https://github.com/nick-coles/csci2020u NickColes
* branch
                     master
                               -> FETCH HEAD
Updating a79c10a..34c7b6c
Fast-forward
new2file.txt | 0
 newfile.txt
              0
 2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 new2file.txt
 create mode 100644 newfile.txt
```

```
X
Select MINGW64:/c/Users/space/Desktop/csci2020u
                                                                         space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git branch beta
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git checkout beta
Switched to branch 'beta'
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (beta)
$ touch betaFile.java
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (beta)
$ git checkout master
Switched to branch 'master'
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ touch masterFile.java
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git diff master beta
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git add --all
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git commit -m"masterFile"
[master d3cb672] masterFile
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 betaFile.java
create mode 100644 masterFile.java
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 311 bytes | 311.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/nick-coles/csci2020u_NickColes.git
  34c7b6c..d3cb672 master -> master
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git checkout beta
Switched to branch 'beta'
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (beta)
$ touch betaFile2.java
```

```
X
Select MINGW64:/c/Users/space/Desktop/csci2020u
                                                                         Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 311 bytes | 311.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/nick-coles/csci2020u_NickColes.git
   34c7b6c..d3cb672 master -> master
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git checkout beta
Switched to branch 'beta'
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (beta)
$ touch betaFile2.java
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (beta)
$ git add --all
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (beta)
$ git commit -m"betaFile"
[beta 60b13db] betaFile
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 betaFile2.java
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (beta)
$ git push origin beta
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 305 bytes | 305.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'beta' on GitHub by visiting:
             https://github.com/nick-coles/csci2020u_NickColes/pull/new/beta
remote:
remote:
To https://github.com/nick-coles/csci2020u_NickColes.git
* [new branch]
                    beta -> beta
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (beta)
$ git diff origin/master origin/beta
diff --git a/betaFile.java b/betaFile2.java
similarity index 100%
rename from betaFile.java
rename to betaFile2.java
diff --git a/masterFile.java b/masterFile.java
deleted file mode 100644
index e69de29..0000000
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (beta)
```

```
X
MINGW64:/c/Users/space/Desktop/csci2020u
                                                                         space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (beta)
$ git diff origin/master origin/beta
diff --git a/betaFile.java b/betaFile2.java
similarity index 100%
rename from betaFile.java
rename to betaFile2.java
diff --git a/masterFile.java b/masterFile.java
deleted file mode 100644
index e69de29..0000000
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (beta)
$ git checkout master
Switched to branch 'master'
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git merge beta
Merge made by the 'recursive' strategy.
betaFile2.java | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 betaFile2.java
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ 1s
betaFile.java lab01/
                                new2file.txt
betaFile2.java masterFile.java newfile.txt
```

```
X
Select MINGW64:/c/Users/space/Desktop/csci2020u
betaFile.java
                lab01/
                                 new2file.txt
betaFile2.java masterFile.java newfile.txt
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git add --all
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git commit -m"merge"
On branch master
nothing to commit, working tree clean
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
$ git push origin master
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% (2/2), 311 bytes | 311.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/nick-coles/csci2020u NickColes.git
   d3cb672..05aae0c master -> master
space@LAPTOP-VSKC1309 MINGW64 ~/Desktop/csci2020u (master)
```

## History

```
pace@LAPTOR-VSKC1309 MINGM64 ~/Desktop/csc12020u (master)
; git log
commit 05aaedec3318372f1009001321dabf86e995bb65 (HEAD -> master, origin/
lerge: d3cb672 60b13db
uthor: nick-coles <60232053+nick-coles@users.noreply.github.com>
ate: Mon Jan 25 17:36:09 2021 -6500
                                                                                                                                                                ummit 34:7b6caeddebdc5f84e5613e1b3c5d5be3734ea
uthor: nick-coles <60232053+nick-coles@users.noreply.github.com>
tte: Mon Jan 25 17:26:30 2021 -0500
    Merge branch 'beta' into master
 ommit 60b13db2a19ddb9ca1cb70974d925f8d69488ee5 (origin/beta, beta)
uthor: nick-coles <60232053+nick-coles@users.noreply.github.com>
ste: Mon Jan 25 17:34:18 2021 -0500
                                                                                                                                                                  newfile
   betaFile
                                                                                                                                                                omit a79c10a0050041a294367968220e1db49dbbd4a0
thor: nick-coles <60232053+nick-coles@users.noreply.github.com>
te: Mon Jan 25 17:16:34 2021 -0500
 ommit d3cbb/286aaf714d1c8e42dd00892e26c3d56f0a
uthor: nick-coles <60232053+nick-coles@users.noreply.github.com>
ate: Mon Jan 25 17:32:36 2021 -0500
                                                                                                                                                                  mit 21e5c240dca74ba4841a4d5f92689f745fc61e84
hor: nick-coles <60232053+nick-coles@users.noreply.github.com>
e: Mon Jan 25 17:09:46 2021 -0500
                                                                                                                                                                   java file
                                                                                                                                                               oma. 15/105109182843477b1cb0006896e400bc42682
uthor: nick-coles <60232053+nick-coles@users.noreply.github.com>
ate: Mon Jan 25 17:08:27 2021 -0500
 Merge branch 'beta' into master
 ommit 68b13db2a19ddb9ca1cb70974d925f8d69488ee5 (origin/beta, beta)
thor: nick-coles <60232053+nick-coles@users.noreply.github.com>
ate: Mon Jan 25 17:34:18 2021 -0500
   betaFile
```

https://github.com/nick-coles/csci2020u\_NickColes