

Lab01

Name: Abdulwasay Mansoor

Student ID: 1007432351

GitHub Repo:

https://github.com/wasayMansoor/csci2020u_AbdulwasayMansoor.git

Folder names:

Csci2020: local repo

Lab01 test: cloned repo

```

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u/lab01
$ git remote add origin https://github.com/wasayMansoor/csci2020u_AbdulwasayMansoor.git
fatal: not a git repository (or any of the parent directories): .git

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u/lab01
$ echo "# csci2020u_AbdulwasayMansoor" >> README.md

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u/lab01
$ git init
Initialized empty Git repository in D:/OTU/csci2020u/lab01/.git/

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u/lab01 (master)
$ ls
README.md lab01.txt

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u/lab01 (master)
$ cd ..

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u
$ echo "# csci2020u_AbdulwasayMansoor" >> README.mdecho "# csci2020u_AbdulwasayMansoor" >>
README.md

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u
$ git init
Initialized empty Git repository in D:/OTU/csci2020u/.git/

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (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

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ git commit -m "first commit"
[master (root-commit) c0471f8] first commit
1 file changed, 1 insertion(+)
create mode 100644 README.md

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ git branch -M master

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ git remote add origin https://github.com/wasayMansoor/csci2020u_AbdulwasayMansoor.git

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/wasayMansoor/csci2020u_AbdulwasayMa
nsoor.git'

abdul@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ |

```

```
abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu
$ mkdir lab01test

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu
$ cd lab01test

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test
$ git clone https://github.com/wasayMansoor/csci2020u_AbdulwasayMansoor.git
Cloning into 'csci2020u_AbdulwasayMansoor'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 9 (delta 1), reused 9 (delta 1), pack-reused 0
Receiving objects: 100% (9/9), done.
Resolving deltas: 100% (1/1), done.

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test
$ touch new.java

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test
$ ls
csci2020u_AbdulwasayMansoor/  new.java

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test
$ git commit -m 'new.java added'
fatal: not a git repository (or any of the parent directories): .git

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test
$ cd ..

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu
$ mkdir csci2020u
mkdir: cannot create directory 'csci2020u': File exists

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu
$ ls
CONDA/  ComputationalScience/  DataStructures/  csci2020u/  test.txt

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu
$ mkdir lab01test

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu
$ cd lab01test

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test
$ git pull https://github.com/wasayMansoor/csci2020u_AbdulwasayMansoor.git
fatal: not a git repository (or any of the parent directories): .git

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test
$ git pull https://github.com/wasayMansoor/csci2020u_AbdulwasayMansoor.git
fatal: not a git repository (or any of the parent directories): .git

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test
$ git clone https://github.com/wasayMansoor/csci2020u_AbdulwasayMansoor.git
Cloning into 'csci2020u_AbdulwasayMansoor'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (5/5), done.
```

```
abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test
$ ls
csci2020u_AbdulwasayMansoor/

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test
$ cd csci2020u_AbdulwasayMansoor

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test/csci2020u_AbdulwasayMansoor (master)
$ touch hello.java

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test/csci2020u_AbdulwasayMansoor (master)
$ git diff

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test/csci2020u_AbdulwasayMansoor (master)
$ git diff master origin/master

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test/csci2020u_AbdulwasayMansoor (master)
$ git commit -m 'hello.java added'
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)
    hello.java

nothing added to commit but untracked files present (use "git add" to track)

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test/csci2020u_AbdulwasayMansoor (master)
$ git add all
fatal: pathspec 'all' did not match any files

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test/csci2020u_AbdulwasayMansoor (master)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'?
hint: Turn this message off by running
hint: "git config advice.addEmptyPathspec false"

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test/csci2020u_AbdulwasayMansoor (master)
$ git add .

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test/csci2020u_AbdulwasayMansoor (master)
$ git commit -m 'hello.java added'
[master 70d059d] hello.java added
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 hello.java
```

```
abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test/csci2020u_AbdulwasayMansoor (master)
$ git diff master origin/master
diff --git a/hello.java b/hello.java
deleted file mode 100644
index e69de29..0000000
```

```
abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test/csci2020u_AbdulwasayMansoor (master)
$ git push origin
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), 267 bytes | 267.00 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/wasayMansoor/csci2020u_AbdulwasayMansoor.git
   flfee09..70d059d master -> master
```

```
abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test/csci2020u_AbdulwasayMansoor (master)
$ cd ..
```

```
abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/lab01test
$ cd ..
```

```
abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu
$ ls
CONDA/          DataStructures/  lab01test/
ComputationalScience/ csci2020u/      test.txt
```

```
abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu
$ cd csci2020u
```

```
abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ git pull
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (1/1), done.
remote: Total 2 (delta 1), reused 2 (delta 1), pack-reused 0
Unpacking objects: 100% (2/2), 247 bytes | 2.00 KiB/s, done.
From https://github.com/wasayMansoor/csci2020u_AbdulwasayMansoor
   flfee09..70d059d 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
```

```

abdu1@LAPTOP-IFANIH82 MINGW64 /D/otu/csci2020u (master)
$ git pull origin master
From https://github.com/wasayMansoor/csci2020u_AbdulwasayMansoor
* branch          master       -> FETCH_HEAD
Updating f1fee09..70d059d
Fast-forward
 hello.java | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 hello.java

abdu1@LAPTOP-IFANIH82 MINGW64 /D/otu/csci2020u (master)
$ git branch beta

abdu1@LAPTOP-IFANIH82 MINGW64 /D/otu/csci2020u (master)
$ git checkout beta
Switched to branch 'beta'

abdu1@LAPTOP-IFANIH82 MINGW64 /D/otu/csci2020u (beta)
$ ls
README.md  README.mdecho  hello.java  lab01/

abdu1@LAPTOP-IFANIH82 MINGW64 /D/otu/csci2020u (beta)
$ touch beta.java

abdu1@LAPTOP-IFANIH82 MINGW64 /D/otu/csci2020u (beta)
$ git add .

abdu1@LAPTOP-IFANIH82 MINGW64 /D/otu/csci2020u (beta)
$ git commit 'beta.java added'
error: pathspec 'beta.java added' did not match any file(s) known to git

abdu1@LAPTOP-IFANIH82 MINGW64 /D/otu/csci2020u (beta)
$ git commit -m 'beta.java added'
[beta a63c4c1] beta.java added
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 beta.java

abdu1@LAPTOP-IFANIH82 MINGW64 /D/otu/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), 253 bytes | 253.00 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.
remote:
remote: Create a pull request for 'beta' on GitHub by visiting:
remote:   https://github.com/wasayMansoor/csci2020u_AbdulwasayMansoor/pull/new/beta
remote:
To https://github.com/wasayMansoor/csci2020u_AbdulwasayMansoor.git
 * [new branch]      beta -> beta

```

```
abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (beta)
$ git checkout master
Switched to branch 'master'

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ touch master.java

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ git commit -m 'master.java added'
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
      master.java

nothing added to commit but untracked files present (use "git add" to track)

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ git add .

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ git commit -m 'master.java added'
[master eda765f] master.java added
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 master.java

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/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), 261 bytes | 261.00 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/wasayMansoor/csci2020u_AbdulwasayMansoor.git
   70d059d..eda765f  master -> master

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ git diff origin/master origin/beta
diff --git a/master.java b/beta.java
similarity index 100%
rename from master.java
rename to beta.java

abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ git merge beta
Merge made by the 'recursive' strategy.
 beta.java | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 beta.java
```

```
abdu1@LAPTOP-IFAN1H82 MINGW64 /D/otu/csci2020u (master)
$ git log
commit 0eb21dea23a5c3dd1dabef0c281df0e69fa780bf (HEAD -> master)
Merge: eda765f a63c4c1
Author: wasayMansoor <71033432+wasayMansoor@users.noreply.github.com>
Date: Sun Jan 24 18:19:49 2021 +0300

    Merge branch 'beta'

commit eda765f0971332edaa6b52e69aa133106a200f66 (origin/master)
Author: wasayMansoor <71033432+wasayMansoor@users.noreply.github.com>
Date: Sun Jan 24 18:19:18 2021 +0300

    master.java added

commit a63c4c1f3b82d97ec7b87f34500c47cc16a5912e (origin/beta, beta)
Author: wasayMansoor <71033432+wasayMansoor@users.noreply.github.com>
Date: Sun Jan 24 18:18:30 2021 +0300

    beta.java added

commit 70d059d415a9ce4be40d2c6517b6b93a970f6f44
Author: wasayMansoor <71033432+wasayMansoor@users.noreply.github.com>
Date: Sun Jan 24 18:15:48 2021 +0300

    hello.java added

commit flfee099ab30f0b17595912cd25c1e508c7fd135
Author: wasayMansoor <71033432+wasayMansoor@users.noreply.github.com>
Date: Wed Jan 20 21:58:14 2021 +0300

    update

commit efe536f1df3c232716c50d734a90c8963d354206
Author: wasayMansoor <71033432+wasayMansoor@users.noreply.github.com>
Date: Wed Jan 20 21:38:37 2021 +0300

    lab01 created


commit c0471f8d704040f45ce8269fea1e7dccb3130eb4
Author: wasayMansoor <71033432+wasayMansoor@users.noreply.github.com>
Date: Wed Jan 20 21:35:18 2021 +0300

    first commit
```


is PC > DATA (D:) > OTU > csci2020u				
Name	Date modified	Type	Size	
lab01	1/20/2021 9:37 PM	File folder		
.gitignore	1/20/2021 9:42 PM	Text Document	0 KB	
beta	1/24/2021 6:19 PM	Java Source File	0 KB	
hello	1/24/2021 6:16 PM	Java Source File	0 KB	
master	1/24/2021 6:18 PM	Java Source File	0 KB	
README	1/20/2021 9:34 PM	Markdown Source ...	1 KB	
README.mdecho	1/20/2021 9:34 PM	MDECHO File	0 KB	

View

C > DATA (D:) > OTU > lab01test > csci2020u_AbdulwasayMansoor				
Name	Date modified	Type	Size	
lab01	1/24/2021 6:14 PM	File folder		
.gitignore	1/24/2021 6:14 PM	Text Document	0 KB	
hello	1/24/2021 6:14 PM	Java Source File	0 KB	
README	1/24/2021 6:14 PM	Markdown Source ...	1 KB	
README.mdecho	1/24/2021 6:14 PM	MDECHO File	0 KB	

 **beta** had recent pushes 3 minutes ago









Compare & pull request

 master ▾  2 branches  0 tags

Go to file

Add file ▾

 Code ▾

 wasayMansoor master.java added	eda765f 7 minutes ago	 5 commits
 lab01	lab01 created	4 days ago
 .gitignore	update	4 days ago
 README.md	first commit	4 days ago
 README.mdecho	update	4 days ago
 hello.java	hello.java added	10 minutes ago
 master.java	master.java added	7 minutes ago

 beta ▾  2 branches  0 tags









Go to file

Add file ▾

 Code ▾

This branch is 1 commit ahead, 1 commit behind master.

 Pull request  Compare

 wasayMansoor beta.java added	a63c4c1 8 minutes ago	 5 commits
 lab01	lab01 created	4 days ago
 .gitignore	update	4 days ago
 README.md	first commit	4 days ago
 README.mdecho	update	4 days ago
 beta.java	beta.java added	8 minutes ago
 hello.java	hello.java added	10 minutes ago