

In-Lab Work Lab 3

Part 1

```
PS C:\Users\Emmat\lab_3> docker run -v ${PWD}:/app -it ubuntu
root@d6b30a047e27:/# cd \app
root@d6b30a047e27:/app# cd /app
root@d6b30a047e27:/app#
```



Part 1 additional notes

```
total 0
-rw-r--r-- 1 root root 14 Feb  3 19:56 tmp.sh
root@5e0dca8c9952:/app/lab_3# ./tmp.sh
bash: ./tmp.sh: Permission denied
root@5e0dca8c9952:/app/lab_3# chmod +x tmp.sh
root@5e0dca8c9952:/app/lab_3# cat tmp.sh
echo "hello"


root@5e0dca8c9952:/app/lab_3# rm tmp.sh
root@5e0dca8c9952:/app/lab_3# ls
root@5e0dca8c9952:/app/lab_3# cd ..
root@5e0dca8c9952:/app# rm -r lab_3
root@5e0dca8c9952:/app# day = Wednesday
bash: day: command not found
root@5e0dca8c9952:/app# day=Wednesday
root@5e0dca8c9952:/app# echo "Today is $day"
Today is Wednesday
root@5e0dca8c9952:/app# day=5
root@5e0dca8c9952:/app# echo "Today is day $day"
Today is day 5
root@5e0dca8c9952:/app# a=1+2
root@5e0dca8c9952:/app# echo $a
1+2
root@5e0dca8c9952:/app# let a=1+2
root@5e0dca8c9952:/app# echo $a
3
root@5e0dca8c9952:/app# let a=hello
root@5e0dca8c9952:/app# echo $a
0
root@5e0dca8c9952:/app# a=$((day+1))
root@5e0dca8c9952:/app# echo $a
6
root@5e0dca8c9952:/app# a=$(ls -l)
root@5e0dca8c9952:/app# echo $a
total 0
root@5e0dca8c9952:/app# a='ls -l'
root@5e0dca8c9952:/app# echo $a
ls -l
root@5e0dca8c9952:/app# a=`ls -l`
root@5e0dca8c9952:/app# echo $a
total 0
root@5e0dca8c9952:/app# vim tester.txt
root@5e0dca8c9952:/app# grep -E "Super.*" tester.txt
Spoiler Alert!!! Henrey Cavil is Superman
root@5e0dca8c9952:/app# egrep "Super.*" tester.txt
Spoiler Alert!!! Henrey Cavil is Superman
root@5e0dca8c9952:/app# rm tester.txt
root@5e0dca8c9952:/app# pwd
/app
```









Part 2


```
bash: gedit: command not found
root@5e0dca8c9952:/app/bash_scripts# vim regex_practice.txt
root@5e0dca8c9952:/app/bash_scripts# touch practice.sh
root@5e0dca8c9952:/app/bash_scripts# vim practice.sh
root@5e0dca8c9952:/app/bash_scripts# chmod +x practice.sh
root@5e0dca8c9952:/app/bash_scripts# ./practice.sh
Enter a number:
1
Enter a second number:
2
The sum is : 2
The product is: 0
root@5e0dca8c9952:/app/bash_scripts# vim tester.txt
root@5e0dca8c9952:/app/bash_scripts# vim practice.sh
root@5e0dca8c9952:/app/bash_scripts# ./practice.sh
Enter a number:
1
Enter a second number:
2
The sum is : 3
The product is: 2
root@5e0dca8c9952:/app/bash_scripts#
```

 **Merged** added names and changed beginning #b
teehanemma merged 2 commits into `main` from `EnmasBranch`  now

No description provided.



-   added names and changed beginning 9edc17f
-   teehanemma requested review from SamuelDiaz970, anya1358, caja4764 and ryol2335 5 minutes ago
-   Merge branch 'main' into EnmasBranch Verified 08a4f30
-   teehanemma merged commit c592d93 into `main` now Revert

 **Pull request successfully merged and closed**
You're all set—the `EnmasBranch` branch can be safely deleted. Delete branch

Additional Notes

Merge conflict: There were tons of merge conflicts, but I deleted the Powershell with the issues without thinking. I had a merge conflict where my code was added directly on top of the rest of the lines. So instead of the 5 line desired code, there were 10 lines. I solved it by creating a new pull and editing the most up to date file with the vim command. When I pushed that time it worked and I was able to merge without conflicts as shown below.

```

PS C:\Users\Emmat\lab_3\Lab3> git pull
remote: Enumerating objects: 38, done.
remote: Counting objects: 100% (38/38), done.
remote: Compressing objects: 100% (17/17), done.
remote: Total 32 (delta 2), reused 30 (delta 1), pack-reused 0
Unpacking objects: 100% (32/32), 3.01 KiB | 1024 bytes/s, done.
From https://github.com/anya1358/Lab3
* [new branch]      AndrewsBranch -> origin/AndrewsBranch
* [new branch]      CarterBranch  -> origin/CarterBranch
* [new branch]      Emma's_Branch -> origin/Emma's_Branch
* [new branch]      Ryan          -> origin/Ryan
* [new branch]      SamsBranch    -> origin/SamsBranch
cc25f0b..df592a4  master          -> origin/master
Already up to date.
PS C:\Users\Emmat\lab_3\Lab3> git branch EmmasBranch
PS C:\Users\Emmat\lab_3\Lab3> git checkout EmmasBranch
Switched to branch 'EmmasBranch'
PS C:\Users\Emmat\lab_3\Lab3> ls

Directory: C:\Users\Emmat\lab_3\Lab3

Mode                LastWriteTime         Length Name
----                -
-a-----          2/3/2021   1:56 PM           109 README.md

PS C:\Users\Emmat\lab_3\Lab3> Notepad .\README.md
PS C:\Users\Emmat\lab_3\Lab3> git add .
PS C:\Users\Emmat\lab_3\Lab3> git commit -m "added names and changed beginning"
[EmmasBranch 9edc17f] added names and changed beginning
 1 file changed, 4 insertions(+)
PS C:\Users\Emmat\lab_3\Lab3> git push
fatal: The current branch EmmasBranch has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin EmmasBranch

PS C:\Users\Emmat\lab_3\Lab3> git push origin EmmasBranch
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 388 bytes | 388.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'EmmasBranch' on GitHub by visiting:
remote:   https://github.com/anya1358/Lab3/pull/new/EmmasBranch

```