Re: Today's Task For Github

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Wed 4/7/2021 10:04 PM

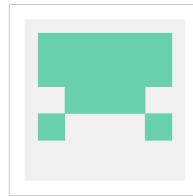**To:** Sonali Chawla <sonali.chawla@cygrp.com>

📎 5 attachments (200 KB)
Created Conflict.PNG; Fixed Conflicts successfully.PNG; Fixing conflicts.PNG; git reset.PNG; git reset1.PNG;

Hello,

I've completed all the tasks. I've also attached merge conflicts and git reset screenshots.

Thank you

https://github.com/AliCYGRP/VCS_bootcamp

AliCYGRP/VCS_bootcamp

Contribute to AliCYGRP/VCS_bootcamp development by creating an account on GitHub.

github.com

From: Sonali Chawla <sonali.chawla@cygrp.com>
Sent: Wednesday, April 7, 2021 5:18 PM
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Cc: Neeraj Shridhar <neeraj.shridhar@cygrp.com>
Subject: FW: Today's Task For Github

Hello Everyone,

For some of you, the session might have been overwhelmingly complicated, for others it might have been a piece of cake. Whatever may be the case, the motive is to level the differences.

Please find attached today's presentation and Git cheat sheet.

Action Items to be done today:

Initialize a new Git repo (on your local computer)

Making new repo in Github (**named: VCS_bootcamp**)

Adding remote URL to your local repo

Checking git log

Staging changes (git add, remember?)

Committing changes (git commit)

Pushing changes to remote (Github repo)

Cloning Project

Forking (try forking any repository from any other Github account (just to get a glimpse of how forking a
repository works)

Raising Pull request (raise a pull request from one branch to another)

Resolving Conflicts (explicitly try to make a merge conflict)

example of merge conflict here:

```
    mkdir git-repo

cd git-repo

git init

touch my_code.sh

git add my_code.sh

echo "echo Hello" > my_code.sh

git commit -am 'initial'

git checkout -b new_branch

echo "echo \"Hello World\"" > my_code.sh

git commit -am 'first commit on new_branch'

git checkout master

echo "echo \"Hello World!\"" > my_code.sh

git commit -am 'second commit on master'

git merge new_branch
```

Stash Changes (git stash)

Stash Changes (apply changes using *git stash pop **or** git stash apply*)

Commit Rollback, used when you commit wrong changes by mistake to undo the commit (using git reset HEAD)

Pull vs Fetch (try pulling changes in one branch, fetching in another and note the differences)

For doubts: Trust me, once you google your git related questions, you'll surely get the required answer in first 5 links. If you don't, feel free to reach out to me.

[More Help On Git Merge](#)
[Video On GitHub Basics](#)

Thanks,
Sonali Chawla