check

I have collated the git commands I used yesterday during git training . Try using them in the background of your understanding of git and let me know for any concerns you get.

You may use this sample git repository to play around and fork repository.

<https://github.com/aparneshgaurav/playArea>

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Make repository on the right hand side given as an option after signing into the github account

(create repository )

clone master repo

git clone htpp://

install git bash on windows ( unix like command line interface to git)

<http://msysgit.github.io/>

run and open git bash

create a folder

mkdir gitTest

initialize git

git init

clone repository from remote site

git clone http://

Or if it's a branch :

1. git remote branch clone

git clone -b aparnesh [http://link](http://link/)

Set the git login data

$ git config --global [user.name](http://user.name/) "[raanii.com](http://raanii.com/)"

$ git config --global user.email "[raanii-devTeam@gmail.com](mailto:raanii-devTeam@gmail.com)"

2. to list the branch

git branch

\*aparnesh

3. to create another branch

git branch dev

4. to move to the new branch

git checkout dev

5. After some change is done in dev branch , how to stage/index that ?

git add .

6  What happens if you do a git status before indexing ?

"changes not staged for commit"

7. what happens if you do a git status after indexing ?

"changes to be committed "

8. After that what happens when you do a git status ?

It says that you are ahead of the corresponding remote branch by 1/n commmits.

9. to push the changes

git push origin aparnesh

write username

write password

10. how to handle merge ?

suppose you move to another branch - dev

git checkout dev

you modify a file code.r there

then do git add .

then do git commit -m " "

check for git status after each of these steps for better understanding of what's happening.

git checkout aparnesh

git merge dev

it says either : a) updated b) conflict - in case of conflict open file in aparnesh branch on left with same file in dev branch on right in winmerge.

Merge the file in left side.

do git add .

do git commit -m " commit message"

push the changes remotely.

git push origin Aparnesh ( in case pushing to remote branch )

push changes to remote master branch

git push –u origin

\*\* note

When you are creating a fresh repo , while pushing you need to push like following :

git push -u origin master

\*\* note

If you face some problem related to deleting a directory , indexing it and then pushing it do following in order :

First of all ,its better to delete using git rm related commands

git rm –rf , git commit –m “ “

or in the first half ( before comma ) you may also try

git add –u

or

git add –A and then commit . After doing all this it worked , don’t know it was due to rm –rf only or due to last two commands.

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