**git --version** //current git version

**Configure git**

**git config --global user.name “adityaholkar”**

**git config --global user.email “aditya.holkar17@vit.edu”**

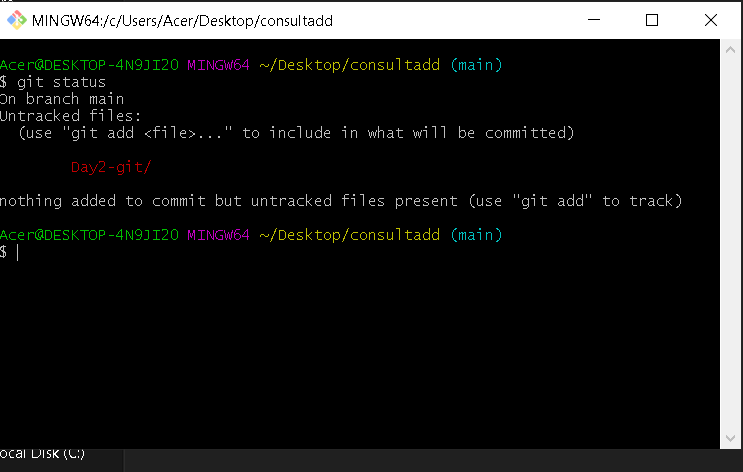
Global is used to set username and email for every repository

**Initialize git**

**git init**

Initialized empty git repo in working directory

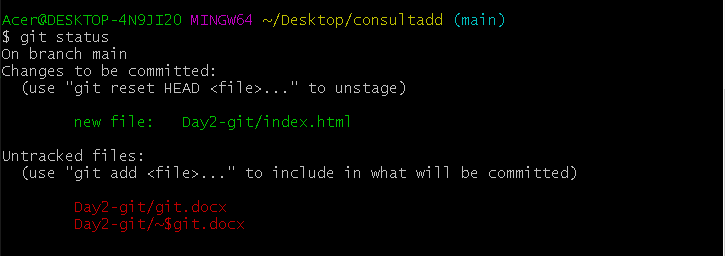
**git status //**keep track of file which are committed and not committed.



Git Staging Environment

**git add ./Day2-git/index.html**

File is staged

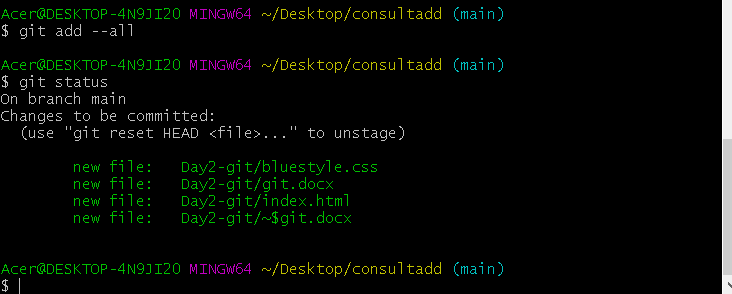


To add more than one file we use

**git add --all**

we can also use

**git add -A**

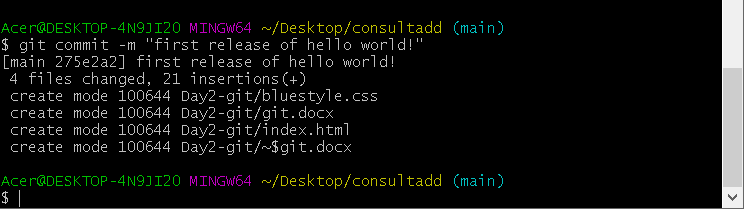


It is used to unstage file

**git rm --cached …**

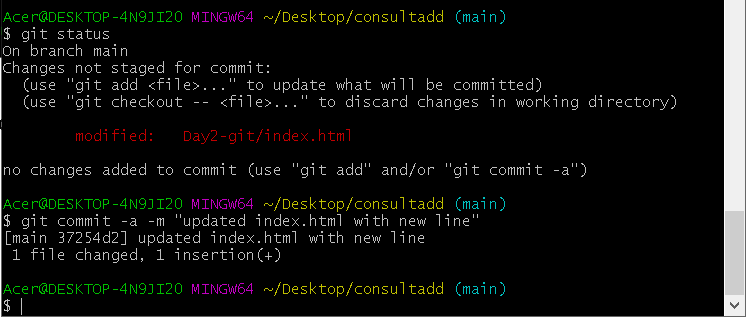
git commit

git commit -m “first release of hello world!”



We can use -a if files are not stage and we want to commit

git commit -a -m “updated index.html with new line”



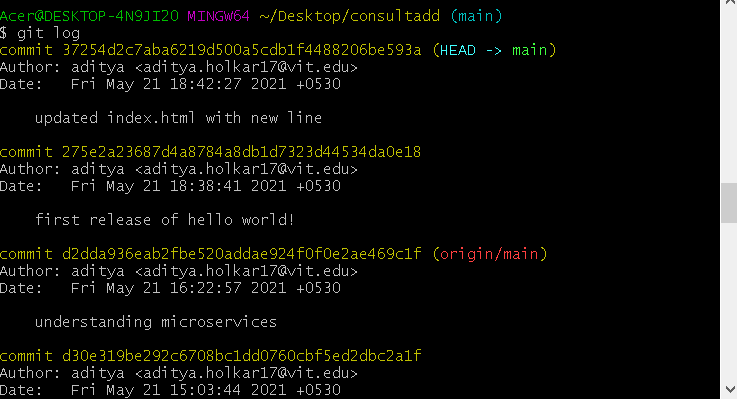
Short status flags are:

git status --short

* ?? - Untracked files
* A - Files added to stage
* M - Modified files
* D - Deleted files

Git commit log

git log



Git help

**git command -help**

Available option for particular command

**git help --all**

all possible command

Git branch

For new version we can create a branch in working repo

**git branch hello-world-images**

we can create -b option with to create branch

**git branch**

it is used to check branch in repo

**git checkout branchName**

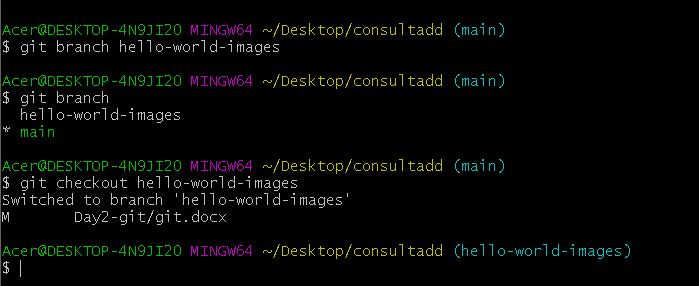
it is use to navigate to particular branch

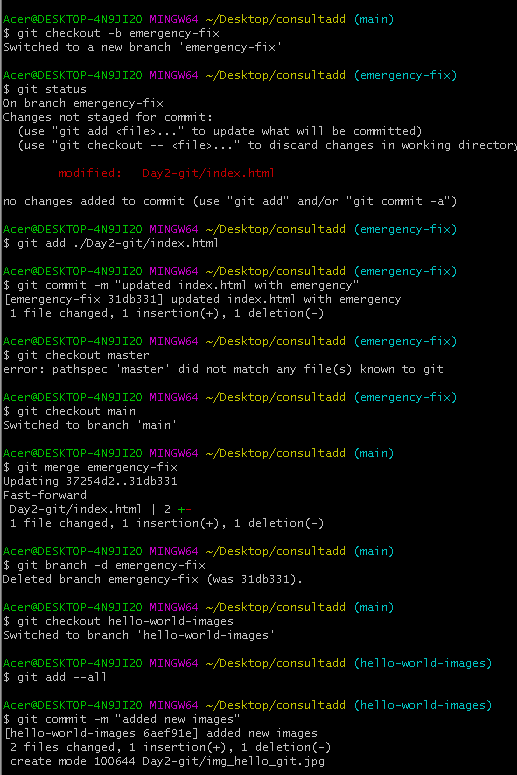
**git merge branchName**

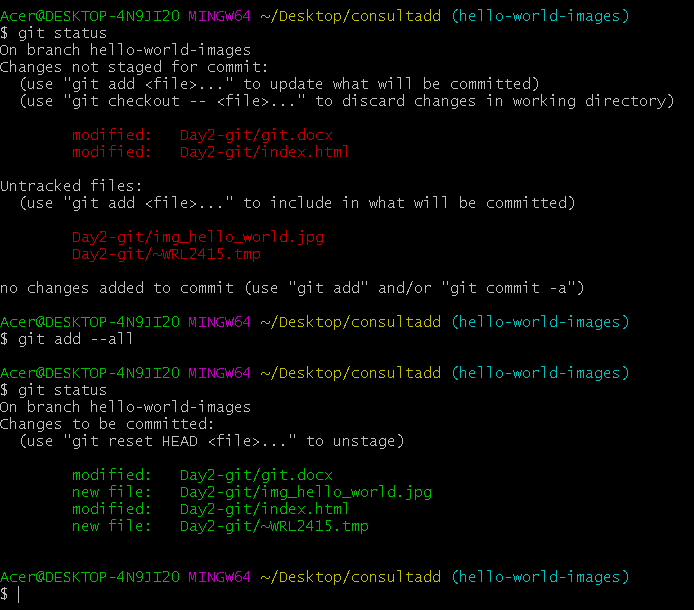
it is use to merge branchName into working branch

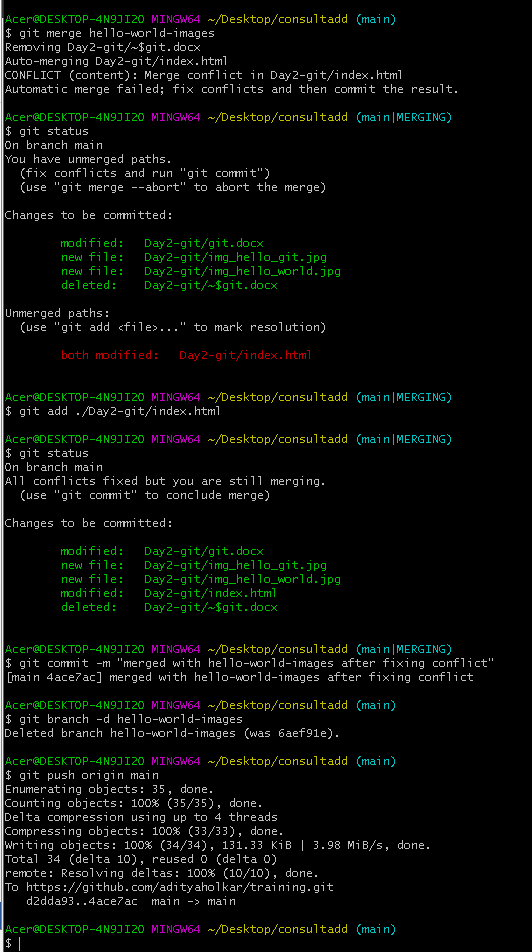
**git branch -d branchName**

it is use to delect BranchName branch from repo

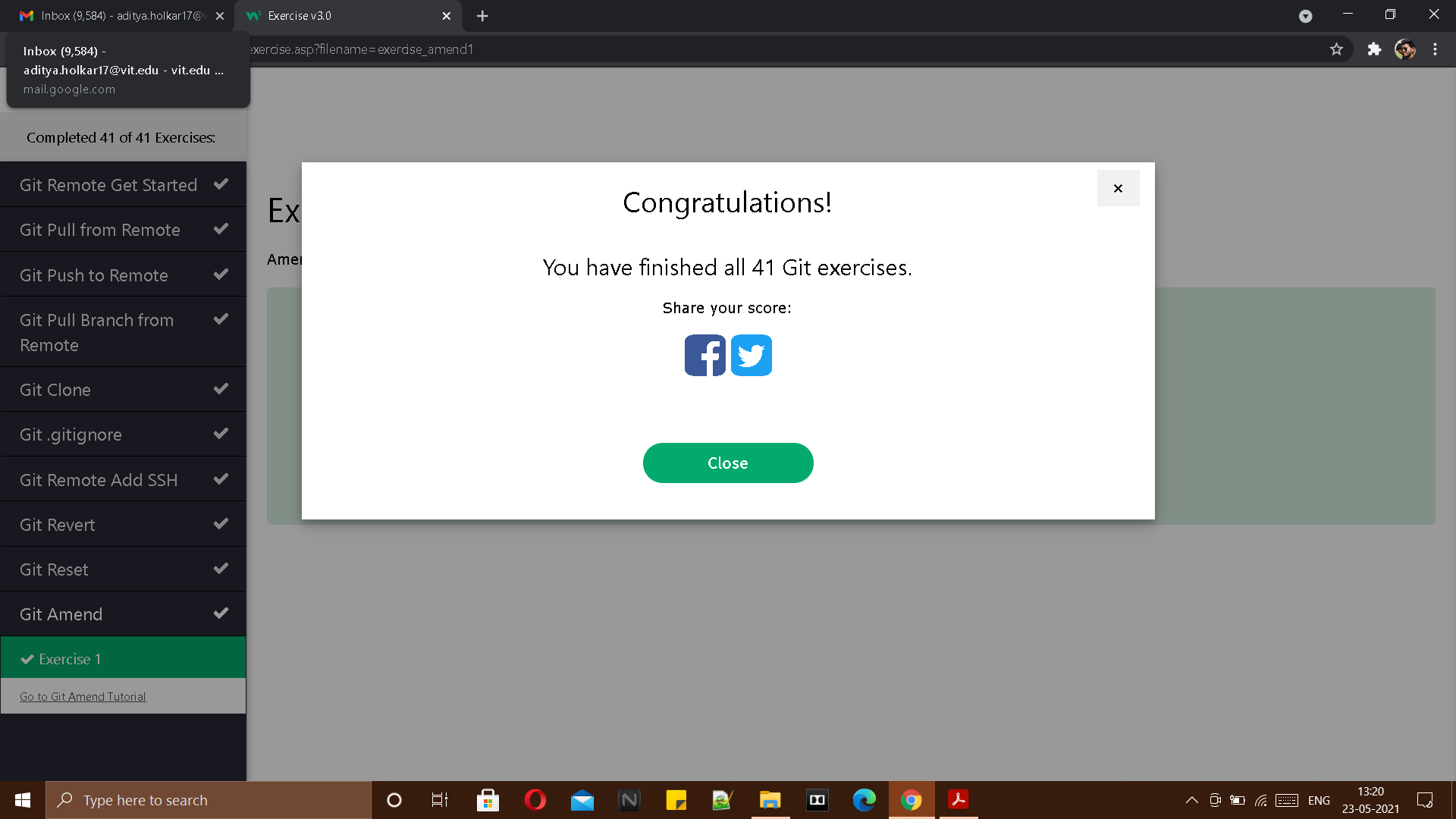








Git hub exercise



Git quiz

