ResBazaar first day

Perl used for genomic analysis written in past during the development. Zooinverse (galaxies is another tool for analysis/collection ??

Shell is a program that doing calculation using other program rather its own. Its purpose is to read the command and run other programs.

In a bash consist of: <command> <option> <object>. An object can be a file or directory. The options are preceded by an hyphen (-). Ex ls –F

To search for help type help and then cammoan

help pwd

helpful resource for looking at different commands : <https://tldr.ostera.io/>

Change directory; cd desktop/

ls . -> list all in current directory

ls ltr -> complete path

ls .. -> list previous directory

ls ~ -> home directory

cd home -> home directory

cd ~ -> home directory

cd - -> take you one directory up

cd / -> to go to root directory

absolute path is a complete path staing a full path along with root

/usr/folder

A relative directory will be like this

Cd Desktop/

To make a new directory

mkdir newfolder

to make a new file in a directory

nano draft.txt

remove file

rm –i to remove a file with a warning/asking you

rm \* delete everything without a warning

to remove directory

rm –R

to create and empty file

touch draft.txt

touch \* -> renew the files, example if there are file that would get deleted after a month or so..this will renew the file creation date so it will skip them from deleting.

Git

Git config –global user.name “shafi-OZ”

git config- user.email “avas102@yahoo.com”

git cofig --list

cd ~/Desktop

mkdir planets

to make reprosatory where git can staore versions of our files

git init

to check if everything is going ok

ls –a

to check everyting is set up correctly by asking git of the status

git status

nano mars.txt -> ctrl +x -> y

to add a file to the git to track

git add mars.txt

To check if the git is tracking it or not

git status

make changes to a file then add to reprository and commit to make the git to accept the changes

nano mars.txt

add new text to this file -> ctrl+x -> y

git add mars.txt

the –m in the following command is used to add a message so we can track/stage it so we know what have we don to it.

git commit –m “this is first changes”

when we make changes to the file without commit than we can track the changes

git diff mars.txt