git –version:

a command to check if you have git installed and which version it is

sudo add-apt-repository ppa:git-core/ppa

sudo apt update

sudo apt install git

steps to install git

git config --global user.name "Votre nom" :

git config --global user.email [votre-email@email.com](mailto:votre-email@email.com) :

git configuration

git config --global init.defaultBranch main:

configurating default brand to main like the new update of git changed default branch from master to main

git config --global color.ui auto:

Changing git code color giving it a life and making it look better

git config --get user.name :

git config --get user.email:

requesting my username and email to make sure it’s well configurated

ls ~/.ssh/id\_rsa.pub:

command to check if you already have ssh key on your machine

ssh-keygen -C [votre-email@email.com](mailto:votre-email@email.com) :

generate SSH key

cat ~/.ssh/id\_rsa.pub:

display ssh key .

git clone:

its used to create a clone of an existing repository

git clone [git@github](mailto:git@github).com:nom-utilidsateur/test\_git.git:

Its used to clone a specific repository

git remote –v:

List the remote connections you have to other repositories.

git status:

its used to verify the state of the repository file

git add README.md:

its used to add readme file to the repository

git commit -m "Ajouter README.md":

its used to commit the file readme

git log:

its used to view information about previous commits

git add . :

its used to add all the files to the staging area , ready to commit

git commit -m "votre message" :

its used to commit the work with a message

git push origin main:

its used to submit all the local changes to the main branch