**Starting with git:**

**student@IT091 MINGW64 ~/Desktop/teit37**

**$ git --version**

git version 2.34.1.windows.1

**student@IT091 MINGW64 ~/Desktop/teit37**

**$ git init**

Initialized empty Git repository in C:/Users/student/Desktop/teit37/.git/

**student@IT091 MINGW64 ~/Desktop/teit37 (master)**

**$ git status**

On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

**student@IT091 MINGW64 ~/Desktop/teit37 (master)**

**$ git config --global --list**

user.name=Rushi

user.email=vedantcheulkar6185@gmail.com

user.vedant=vedantcheulkar

**student@IT091 MINGW64 ~/Desktop/teit37 (master)**

**$ git config --global user.name 'baseema'**

**Baseema@DESKTOP-89E0E0K MINGW64 /d/devops (master)**

**$ git config --global user.baseema 'kazibaseema'**

**student@IT091 MINGW64 ~/Desktop/teit37 (master)**

**$ git config --global user.email 'kazibaseema04@gmail.com'**

**student@IT091 MINGW64 ~/Desktop/teit37 (master)**

**$ git config --global --list**

user.name=baseema

user.email=kazibaseema04@gmail.com

user.baseema=kazibaseema

student@IT091 MINGW64 ~/Desktop/teit37 (master)

$ git status

On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

student@IT091 MINGW64 ~/Desktop/teit37 (master)

$ git add proj1.odt

fatal: pathspec 'proj1.odt' did not match any files

student@IT091 MINGW64 ~/Desktop/teit37 (master)

$ git status

On branch master

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

createrepo.png

historyofupdate.png

nothing added to commit but untracked files present (use "git add" to track)

student@IT091 MINGW64 ~/Desktop/teit37 (master)

$ git add proj1.txt

student@IT091 MINGW64 ~/Desktop/teit37 (master)

$ git commit -m 'first commit by baseema'

[master (root-commit) 2c4d687] first commit by baseema

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 proj1.txt

student@IT091 MINGW64 ~/Desktop/teit37 (master)

$ git add proj2.rtf

student@IT091 MINGW64 ~/Desktop/teit37 (master)

$ git commit -m 'first commit by baseema'

[master 8354175] first commit by baseema

1 file changed, 1 insertion(+)

create mode 100644 proj2.rtf

Git log command:

student@IT091 MINGW64 /d/devops (master)

$ git remote add origin https://github.com/Kazibaseema/Devops\_lab.git

student@IT091 MINGW64 /d/devops (master)

$ git remote show origin

\* remote origin

Fetch URL: https://github.com/Kazibaseema/Devops\_lab.git

Push URL: https://github.com/Kazibaseema/Devops\_lab.git

HEAD branch: main

Remote branches:

base-branch new (next fetch will store in remotes/origin)

main new (next fetch will store in remotes/origin)

student@IT091 MINGW64 /d/devops (master)

$ git pull origin main

remote: Enumerating objects: 12, done.

remote: Counting objects: 100% (12/12), done.

remote: Compressing objects: 100% (6/6), done.

remote: Total 12 (delta 1), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (12/12), 2.44 KiB | 7.00 KiB/s, done.

From https://github.com/Kazibaseema/Devops\_lab

\* branch main -> FETCH\_HEAD

\* [new branch] main -> origin/main

Git push command

student@IT091 MINGW64 /d/devops (master)

$ git push

fatal: The current branch master has no upstream branch.

To push the current branch and set the remote as upstream, use

git push --set-upstream origin master

student@IT091 MINGW64 /d/devops (master)

$ ssh-keygen -t rsa -b 4094 -C "kazibaseema04@gmail.com"

Generating public/private rsa key pair.

Enter file in which to save the key (/c/Users/student/.ssh/id\_rsa): gitkey

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Passphrases do not match. Try again.

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in gitkey

Your public key has been saved in gitkey.pub

The key fingerprint is:

SHA256:lcvGZs0zLvln637y6A5pLGdV5lGkJZr232/kHe2JBq4 kazibaseema04@gmail.com

The key's randomart image is:

+---[RSA 4094]----+

| ..+|

| . o +.|

| o + ..o|

| + = . +.|

| S B = o o|

| + = = o+|

| = X .+\*|

| O ++oB|

| E. oBB\*o|

+----[SHA256]-----+

student@IT091 MINGW64 /d/devops (master)

$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: test

Untracked files:

(use "git add <file>..." to include in what will be committed)

gitkey

gitkey.pub

proj1.odt

proj2.odt

proj3.txt

no changes added to commit (use "git add" and/or "git commit -a")

student@IT091 MINGW64 /d/devops (master)

$ git add gitkey.pub

warning: LF will be replaced by CRLF in gitkey.pub.

The file will have its original line endings in your working directory

student@IT091 MINGW64 /d/devops (master)

$ git add gitkey.pub

student@IT091 MINGW64 /d/devops (master)

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: gitkey.pub

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: test

Untracked files:

(use "git add <file>..." to include in what will be committed)

gitkey

proj1.odt

proj2.odt

proj3.odt

student@IT091 MINGW64 /d/devops (master)

$ git push -u origin master

remote: Permission to Kazibaseema/Devops\_lab.git denied to Raj-1701.

fatal: unable to access 'https://github.com/Kazibaseema/Devops\_lab.git/': The requested URL returned error: 403

student@IT091 MINGW64 /d/devops (master)

$ git commit -m 'save changes'

[master b984974] save changes

1 file changed, 1 insertion(+)

create mode 100644 gitkey.pub

student@IT091 MINGW64 /d/devops (master)

$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: test

Untracked files:

(use "git add <file>..." to include in what will be committed)

gitkey

proj1.odt

proj2.odt

proj3.txt

no changes added to commit (use "git add" and/or "git commit -