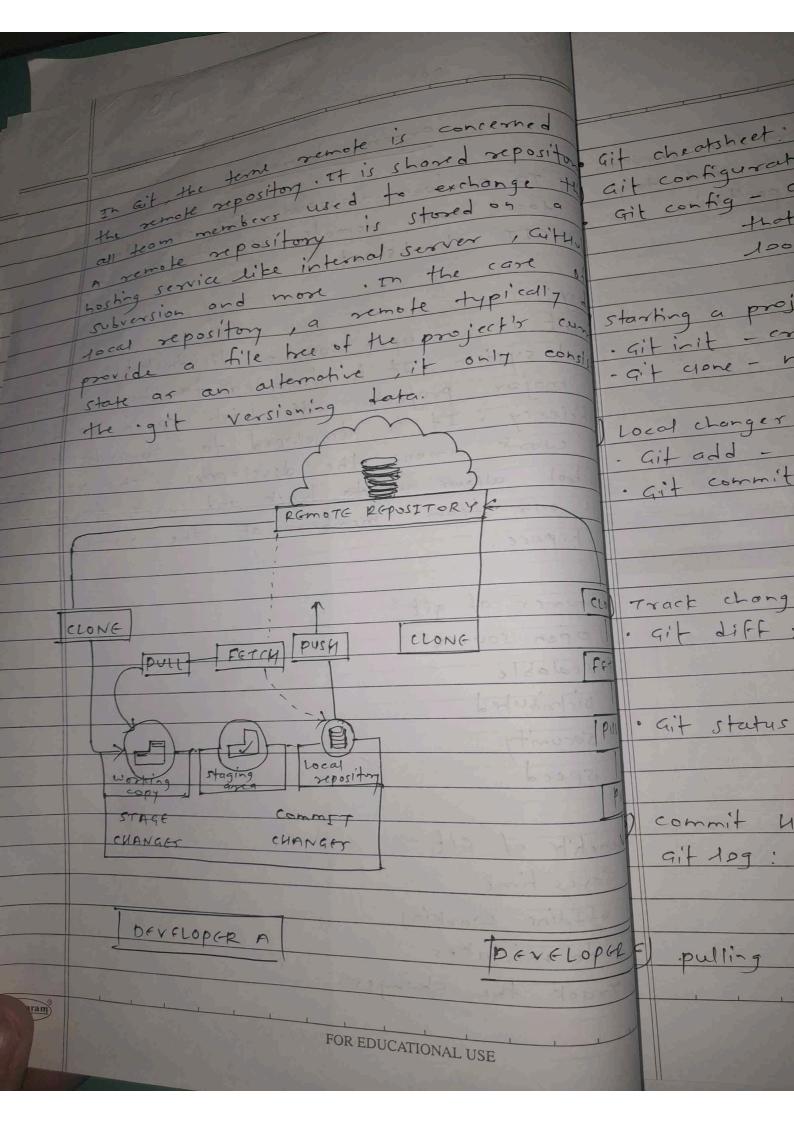
D 05 Experiment no: 3 Him: To perform various GIT operations on tocal and remote repositionies using GIT cheatsheet. cit is an open source distributed version Theory: control system. It is designed to handle minor to major projects with high speed and efficiency. It is developed to co-ordinate the work among the developers - The version control allows us to track and work together with our fear members at the same workspace. \* Features of git; a) open source L) scalable d) Distributed d) security es speed + Benefit of git: a) savey time 6) offline working e) undo mistates of Track the changes. FOR EDUCATIONAL USE



siton of Git cheatsheet:

Attention ait configuration:

Git configuration:

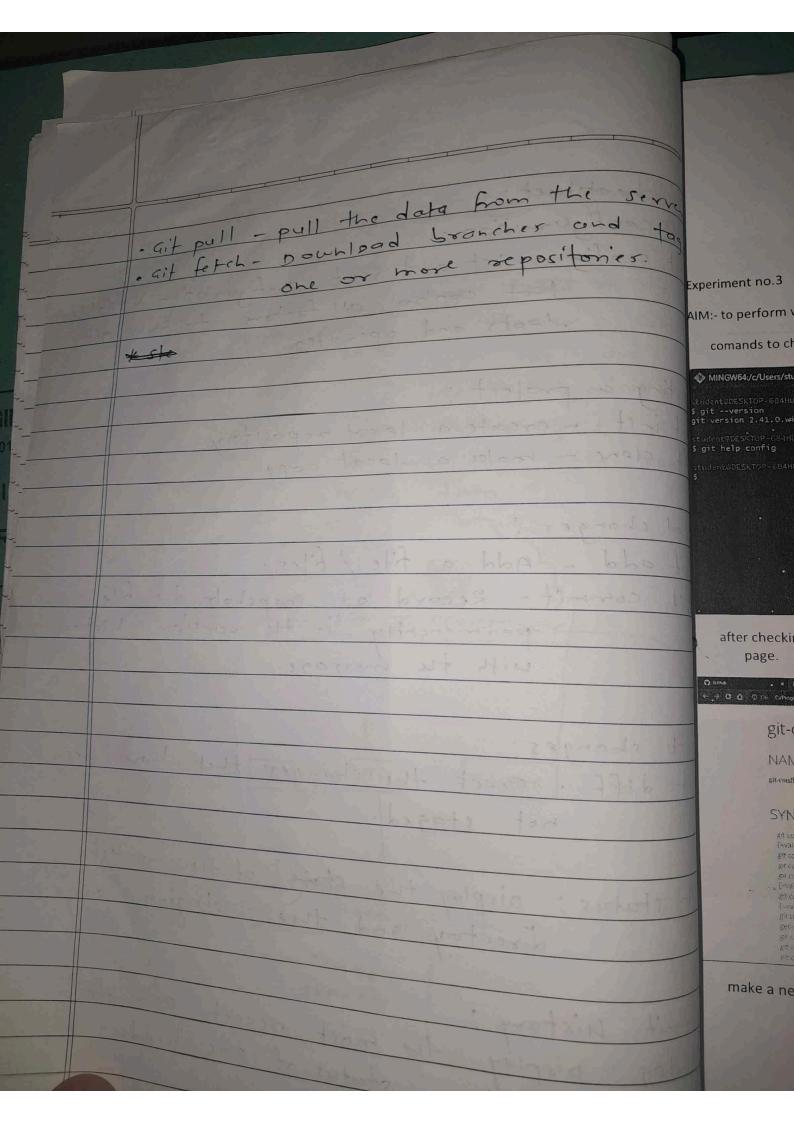
Git config - Get and sent configuration variables

Hat control all factors to how git that control out factors to how git looks and operates. cumus starting a project:

cumus starting a project: 3) Local changer: · Git add - Add a file / files. · Git commit - Record or snapshols the file

permanently in the version history with the message, clowy Track changes:

1. Git diff: Track the changes that have been not staged. Oush Git status; Display the state of the working disectory and the staging area J S commit History: git log: Display the most recent commits and the status of the head. 3 5 pulling updates. FOR EDUCATIONAL USE

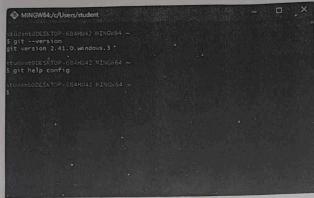




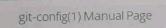
Experiment no.3

AIM:- to perform various GIT operations on local and remote repositories using GIT and cheatshit.

comands to check the version



after checking the version, while executing the congif command this will take you to the manual page.



NAME

PO

PO

git-config - Get and set repository or global options

SYNOPSIS

git corps [cheoptions] [-type=cope=] [-bed-raise] [-show-organ] [-show-scope] [21-nust] vestiles [svalue] [copies outlet to [1]

[evalue patterno]] or conta [slie-option>][-troe=ctype+] -adi -name+ cvalue

grands (de spare) (-type-spec) (-ford-skie) -repaced cierce sestas (color-betenny)
es made (de spare) (-type-spec) (-type-spec)

in courte bactors. [-] best states [-successful (-generated (-gene

I was parten.

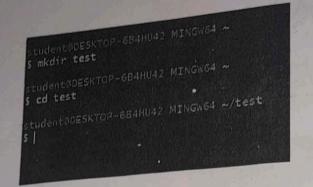
Bettelen over take (Anne beganne

priority (the open) | - me - type | (1) - mil - get - may himmer -

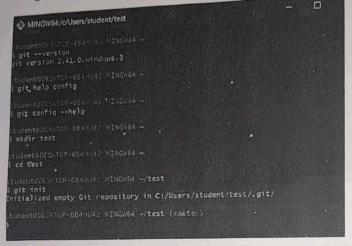
greate (steam of [steed value] - and county (

make a new directory.

change the directory.



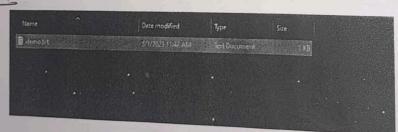
git init .



stp 6 check whether the directory defined, exists properly.

This PC > Local Disk (C:) > Users > student > test

Step 4 add a demo.txt file.



Step 3 add text to the demo file and save it.

after that, check git st.

udent\*DESKTOP-684MU42 MING
git status
i branch master
i commits yet
itracked files:
(use "git add efiles..."
demo.it.txt
othing added to commit but

demo.txt

Edit

View

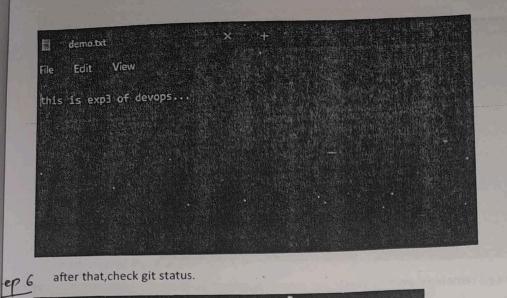
nis is exp3 of devops

make your first com

tudent@DESKTOP-684HU42 M git config --global use tudent@DESKTOP-664HU42 M git config --global use

tudent@DESKTOP-684HU42 : git commit -m "firstcommaster (root-commit) a5 1 file changed, 1 insercreate mode 100644 demo

create a new repos



```
student@DESKTOP-684HU42 MINGW64 ~/harshii (master)

5 git status
On branch master.
No commits yet
Untracked files:
(use "git add <file>..." to include in what will be committed)
demo.txt.txt
nothing added to commit but untracked files present (use "git add" to track)

student@DESKTOP-684HU42 MINGW64 ~/harshii (master)

5
```

make your first commit.

07

cp.8

```
student@DESKTOP-684HU42 MINGW64 ~/harshii (master).

S git config --global user.email "shahharshi2704@gmail.com"

student@DESKTOP-684HU42 MINGW64 ~/harshii (master)

S git config --global user.name "Shahharshii"

student@DESKTOP-684HU42 MINGW64 ~/harshii (master)

S git commit -m "firstcommit"

[master (root-commit) a5ec954] firstcommit

1 file changed, 1 insertion(+)

create mode 100644 demo.txt

student@DESKTOP-684HU42 MINGW64 ~/harshii (master)

S |
```

create a new repository.



stepp

fire thye query, git remote origin.



the text file created shoul reflect here.

And the property of the proper

commands to try

tudentaDESKTOP-GE-HU42 3 git push origin main Everything up-to-date

studenteDESKTOP-68-HU42 \$ git push -all error: did you mean --

studentaDESKTOP-68:HU4. Sigit push --all Everything up-to-date

student@DESkTDP-684HU4 \$ git remote add origi error: remote origin a

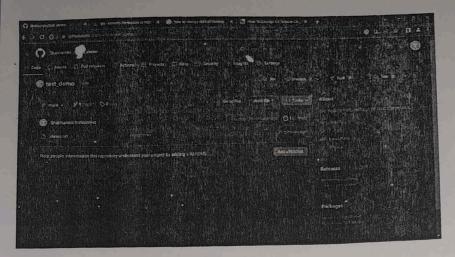
student@DESKTOP-654HU4 \$ git remote set-url c

Sigit push origin mail Sigit push origin mail Enumerating objects: 100% Writing objects: 100% Total 3 (delta 0), re To https://github.com

student@DESKTOP-684HL § git push --all Everything up-to-date

Conclusion

CA



commands to try, if any error occurs.

```
Sigt push origin main
Everything up-to-date

Student**DESKTOP-6**HU42 MINGWA* -/harshii (main)

Sigt push -all
error: did you mean '--all' (with two dashes)?

Student**DESKTOP-6**hU42 MINGWA* -/harshii (main)

Sigit push -all
Everything up-to-date

Student**DESKTOP-6**hU42 MINGWA* -/harshii (main)

Sigit push -all
Everything up-to-date

Student**DESKTOP-6**HU42 MINGWA* -/harshii (main)

Sigit remote add origin https://github.com/Shahharshii/practical3.git
error: remote origin already exists.

Student**DESKTOP-6**HU42 MINGWA* -/harshii (main)

Sigit remote set-url origin https://github.com/Shahharshii/practical3.git

Sigit push origin main
Enumerating objects: 3, done.

Counting objects: 100% (3/3), done.

Writing objects: 100% (3/3), 235 bytes | 235.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

To https://github.com/Shahharshii/practical3.git

Inew branch] main -> main

Student**DESKTOP-6**BAHBA42 MINGWA* -/harshii (main)

Sigit push --all
Everything up-to-date
```

conclusion: Mence we performed variour GIT
operations on lead and remote repositionies
using git cheatrheet.