Name: - Harshi · N. Shah RO11NO:- 76 Sign:-Year/Sem:- TE-V DOS: -DOP:-Experiment NO.3 Ain: - To perform various GIT operations on local and remote repositories using GIT cheatsheet. Git is an open source distributed version 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 about us to track Theory: and work together with our team members at the same workspace. Features of Bit: a) Open Source. b) Scalable. c) Distributed. d) Security, Benefits of Git:a) Saves Time. b) Offine working. c) Undo mistates. Track the changes.

In Git, the term remote is concerned with the remote repository. It is a shared repository that an team members we to exchange their changes. A remote repository is stored on a code hosting service like an internal server GitHub, Subversion, and more. In the case of a local repository, a remote typically does not provide a file three of the project's current state; as an alternative, it only consists of the git versioning data. REMOTE REPOSITORY CLONE CLONE PUSH CLONIF FETCH FETCH Copy Staging LOCAL REPOSITOR PULL STACIE COMMIT CHANGES CHANGES DEVELOPER A

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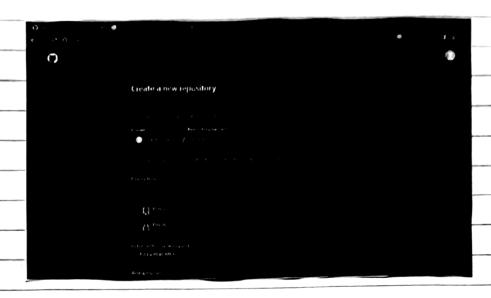
•	Git cheatsheet:-
1)	Git configuration:
•	Git config - Get and sent configuration variables
	that control all facets to how byit
	looks and operates.
2)	Starting a project:
3	Git inst - create a local repository,
•	Git clone - make a local copy.
	Or C Significant
3	Local changes:
	Git add - Add a file /files.
	Git commit - Record or snapshots the file
	permanently in the version history with
	the message.
* ;	UNC MASSAGE
4	Track changes:-
•	Git diff - Track the changes that have been not
, (Staged.
_	Git Status - Display the State of the working
•	Git Status - Display the State of the working directory and the Staging area.
E	commit History -
<u> </u>	G:+ 100' nisplay the most recent commits and
	Git 10g:- pisplay the most recent commits and the status of the head.
6	Pulling undates:
	Pulling updates:
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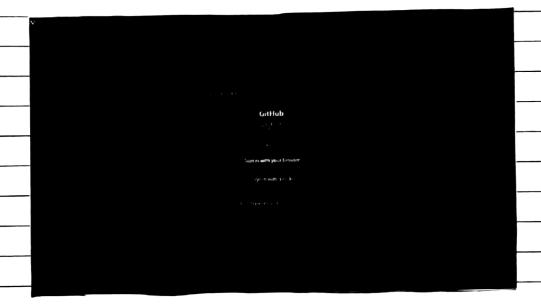
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Git pull	- Pull the data from the Serve	γ,
Git fet	- Pull the data from the Serve ch - Download branches and ta	gs fro
	one or more repositories.	
	•	
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- Steps:-		
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step1:-	commands to check the version	,
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Step 2:	- After checking the vergion inhile	POP III
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	the config constand this will	care 90
	to the manual page.	
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	Or growth with the control of the co	
	git-config(1) Manual Page	N .
	NAME	
	git-config. Get and set repository or global opioins	
	SYNOPSIS	
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•	Step 3:- Make a new directory, change the
	directory
	Eddin tert
	5 kd test
7	
	Step 4:- git init command,
	v MithiGW64 /c/Lisen/ctudent/test — □
7	· Step 5: - check whether the directory defined,
	exist & property,
	This PC > Local Disk (C:) > Users > student > test
•	step 6:- add a demotet file.
	El demo pri programa de la compania del compania de la compania del compania de la compania del la compania de la compania della compania del
	il demo tet
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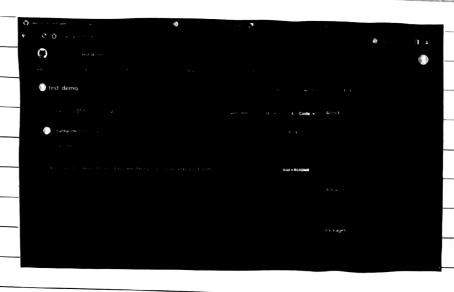
•	step 7: - add text to the demo file and save it
	demo.txt × +
-	File Edit View
-	this is exp3 of devops
-	
•	Step8:- after that check git status.
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	on englis poten. Niconolis et
4	intracted thest cole git and in Sec It's eclude in what a 31 be confitted?
	e terming was difference to the suit on transpend to be a premient cause of the soul of the soul
	Step 9: _ make your first commit
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	Carrier a management and hollship on a
	summer to the entity in the length of the entities of
	of the connect for entiring the first of the
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•	Step 10:- (reate a new repository, to your bithub account
	on once account
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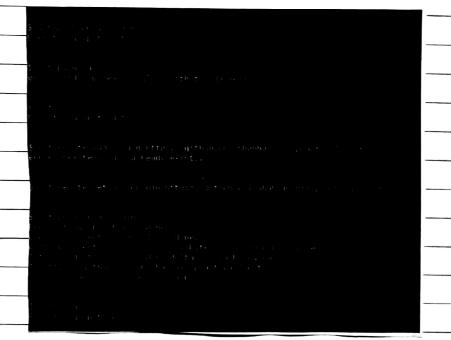
Step 11:- Pire the query, git remote origin.



Step 12: - The text file created should reflect



Step 13: - commands to try, in any case where



Conclusion: - In this experiment, we have

Studied on various git operations
It's features, benefits and worked

with reprote repositories using

Git Cheatsheet