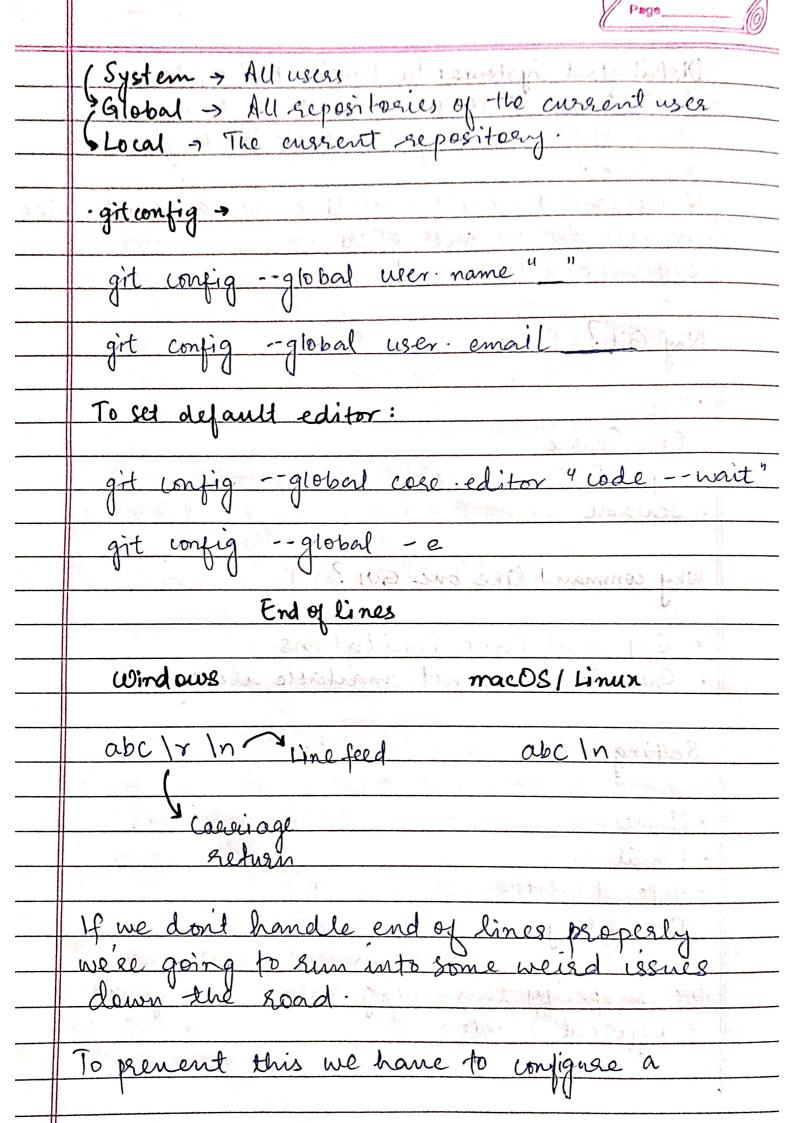
A. Land	
	Gird Gird
	What is git?
	and the property of the second
	Git is the most popular version control system.
	A version control system seconds the changes made
	to our vode over time in a special doitabase
	called repository.
	Without a version control system well have to
	Without a version control system well have to constantly store copies of the entire project
	in various folders.
	De la companya della companya della companya de la companya della
1	with a version control system, we can track our project history k work together.
	project history k work together
-	Version Control System
129	VCV31011 C014(101 C) 31 0 111
5.22	Centralized Diskibuted
**	Centralized System: In a centralized system, all team members connect to a central server to get the latest copy of the code & to share their changes with others.  e.g. Subversion & Team Foundation Server.
1. 4	team members connect to a central server to
	get the latest copy of the code & to share their
	Changes with others.
	leg Subversion & Team Foundation Server.
	Problem with centralized system: The problem with
	the centralized architecture is the single point
	of farmer of the server goes offline me cannot
	Problem with centralized system: The problem with the centralized architecture is the single point of failure. If the server goes offline we cannot collaborate or some snapshots of our project.

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	Distributed Systems: In distributed systems, we do not have these problems. Every team member has a copy of the project with its listory on their machine:		
	do not have these problems. Every team member		
	has a copy of the project with its thistory on their		
	machine.		
	our work directly with others.  e.g. Git & Mercurial		
1	our work directly with others.		
1	eg Git & Mercurial		
1			
1	Why Git?		
	Why Git.		
1			
1	· Open Scurce		
1	· Super Fast · Scalable		
1	· Scalable		
	Why command line one GUI?		
1	Why command line one GOI:		
1			
	· Gul fools have limitations		
	. GUI tools are not available always.		
	Setting: / Land and 1 / 1/20		
	· Name		
	· Email		
	· Default Editor		
	· Line Ending		
11,000	the conspeciely this contians at con settings at		
S 5 5 1	We can specify this configuration settings at 3 different levels:		
-	Saffana revers		

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property called core autocrif which is for caralage return line for feed.	a short
git configglobal core autocry	(windows)
in the state of the state of the	
and the second s	1 input
at that is a sold as the sold as	(macOS/Linus)
Initializing a appository:	
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mkdir Moon	and english the state of the st
cd Meon me - thereno	
11 11	
Git Ind Ginitialized empty gid repository	
	185 5
Commit:	2-
ID Without	70
Message	
Date/time	
Author test x tort 2 122	× %0
Complete Snapshol	and the state of t
	¥
Each commit contains a unique identi gets generated by git in in	fier that
gets generated by get in in the	a time
1012 and produce the second mountain	10
Staging Files:	
echo hello > file1.txt	1 16 3
used to create a file with content	intel
U	



get status To see the status of the working directory and the staging area. Leu git add file 1. tat [mose files]... To add file 1. tot to the steering area. we can also use patterns like \* tut that ( MAKE we also have . [period] which adds the entise disectory se cursively. git commit -m " " To commit this snapshot to permanendly Store it in our git repository. -m Stands for message. means all modified files git 1s-files list file in staging area. git rm file 1 · tret x · trut Git semoves this file from both working disectory as well as staging area. git mv file1 · tut main · js lenames files in beth working directory as well as Staging area : To look at his fory.