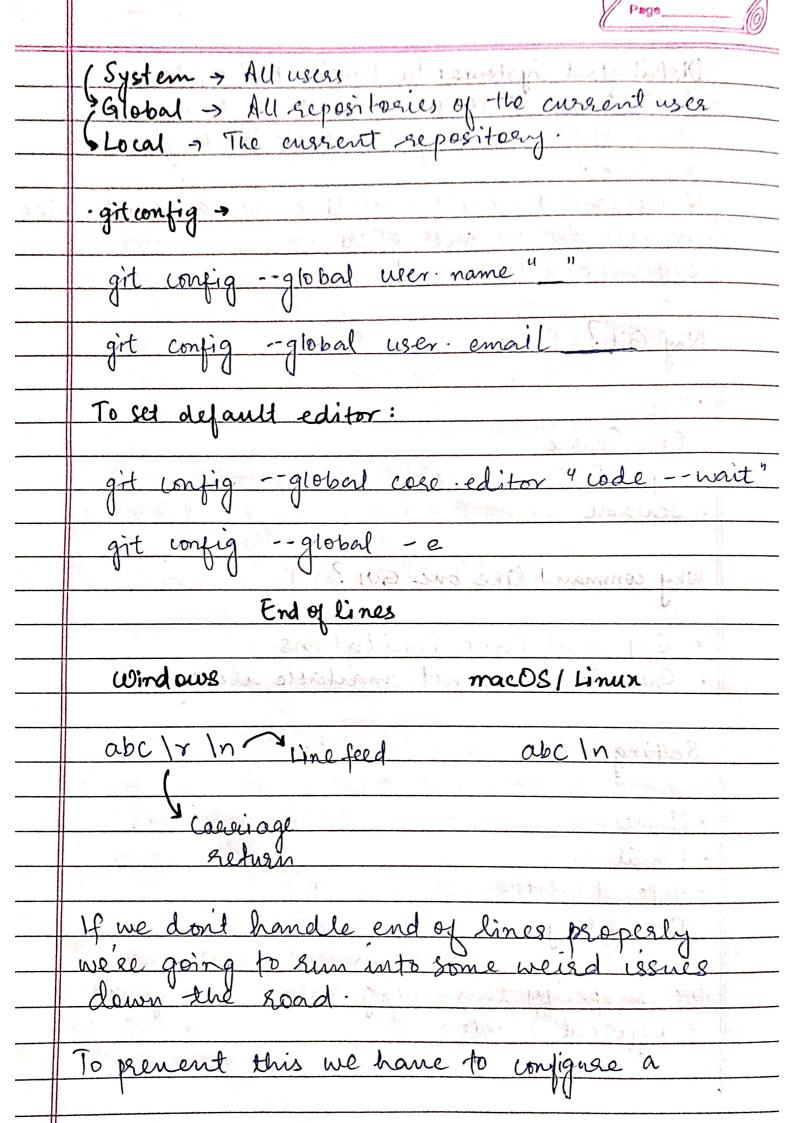
A. Land	
	Gird Gird
	What is git?
	and the property of the second
	Git is the most popular version control system.
	A version control system seconds the changes made
	to our vode over time in a special doitabase
	called repository.
	Without a version control system well have to
	Without a version control 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.

(0)	, yate		 //
V	Page	1	10
(	-		(0)
	-		

=			
	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		

All Displa



	Page
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:	
114(1000 2119 00 000)	2/3
mkdir Moon	<u>a de la </u>
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	



	Page
git status	AROS HARMAN MARKATAN
To see the status of the	working directory
and the staging area	
ecoporates ) 3 & other was de	many to a grant me, and the
git add file 1. tre [mose	files J
In add we that to the	he staging area.
we can also use patte	ens lice * That that
means all the biles with	the but extension.
we also home . [period	1] which adds the
entise disectory se curs	ively.
The second of th	CARTLY SIL TE
git commit -m 4 "	
To commit this snapsho	t to permanently
Store it in our git res	
-m stands for message	
-a means all modified	
git 1s-files	
list file in staging are	a . I want
	and the
git rm file 1 · trt * · trt	Security 1
Git semoves this file fro	
disectory as well as st	aging area.
- the state of the Change of the Asset	ceclas remained and
git my file1 that main j	50 Litariano Non
Renames file in both	working directory
as well as staging are	aries inthe majorate
	Is the same of the
git log sunt.	Lotto hoste > figure
To look at his fory.	British of Broken
U U	