

	Kernel - Software code that interacts with something
	low level suffware
	1980 Cirms Torrabds
	RS Rechalds Stalven
200 200 200 200	wanted to greate his free OS
	Unix was first as
	Apple ? come for unix / prox is bounding for
	Appled come for anix thousis bounding for boding for how Low
	IBM) breaky
	its like middleware Interface
	1985
T to the	FSF - Free Software Foundation
137	RS Started creating his own OS called GNE
10 1 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
244	1991
	RS - Linus Toward are godfather of
1.5	anujulnux free Stw
	GNU LINUX 2 Offeed by
1	(1) - Cinux Community
This is	
	the state of the s
THE STATE OF	1992-1994 Nestape
	1995 Google
19	
	2020
almo	+ 99% technologies runs on Linux
- Marie	9000 distributions are available means 4000 OS
	available on top of Linux
1971	Unix -705
17.787	DOS -> Parent OD OF Whiddels different story
	Free BSD / the Linux
N. T. C.	Net BSD URuntu-Linex It connet operate

Install Gitbash > windows Apple Mac OS/Unix Shell (terminal) 1) Is -> list/file/directory showall files & files in carrent Blder 2 1c dan-1 all Files & folder in more descriptive way 3) cd > change directory cp > copy file hour one to another location 5) and > move/cut file or filder or directory we can't retrieve it & it will permanent + I pud -> prod present working directory ghas location (where I am) 8) who > how many users are lagin to login user who am; tohota

classmate

less gres more data more gres less data 2. Less is heavily use the 2) history all previous Commands closes the connection & exit the terminal. 1] cat > open the file < reads a file the 12] | ess -> similar to cat but only profit of page BIMOLE if echo -> print something echo spath System path 15) ps -> all the spen level information. [Loedsusphen into]
16) ps -> all the apply running into the System.
17) touch newfile -> create a new file (8) Ping google.com chick the connectivity with out internet 19) if config Tidentify whether i am connected to internet or not indentify the ip address of the System.
201 SSh noot ip address -> Access The remote server 21 mkdir -> creates a directory #23 radir > remove directory Adv chood > change mode MIX system. > All the System derived from anix
ay arell ay Linux Con windows - ipconfig 23) which node installed gives location of "software where it is justalled. which pythou path of settware path of She

Short Gitbash Obantu (orment which Is, which ps path of command / File (S/w) but a S/w / Chaprage weet https://ipinfo.io [command line browser]
Fetch the get how the website & saved in a
ison file Cat ison.2 SSh missingskill@139.180.132.156
password: Skilllo212 touch arkansha IS -1 [list] if there is a dosh at Start then it is a file & if There is 'd'at start then it is a directory 15 - h [human readable] Display in human readable Growat [S-1-h-t [ascending order]
File which is exceled very first will be displayed at the top. 15 -1-h-t-r [reverse order] add slash offer a directory which makes it easy to identify a directory. 15 - 1htrF [can cho them together Givey Same result

	[command name] help -> Short Sumon of Hor
	Command &
	man 15 -> mannual (details) Display all flags in detail
2	Dischar all Class: dobail
114	and the state of t
E IS	antithing starts with 'is a hidden file
	1s -1htrFa
10 H	$a \rightarrow sl. c.s. l. l. l.$
100	a -> Shows hidden Rile
	clear > slean the screen /clear the terminal
Landan	Clear > slean the Screen / clear the terminal
very	Cat > filename = write into a file
	My name is Akausha
4	My name is Akausha This is a text file
	When done press -> Ctrl+C
	Cat is used either to write into a file or readable
	we can modify ale content by withing into it & then read
**	he can modify file content by writing into it & then read it is overwrite the file
rogaz	(cat >> filename = to add/append new content to
	Frat >> Glename to add/append new content to File, it contains old content too.
	cyrrent logged in
7.20 y	cd my> takes a to reser's have folder
THE REAL PROPERTY.	C4 -
15.4	holds the last position/return to the prev Golder
G. W.	
	cd.
Allie of	take y one folder back of cd v
AN .	cd vishal-d. pwd
	Cd/Samal-d

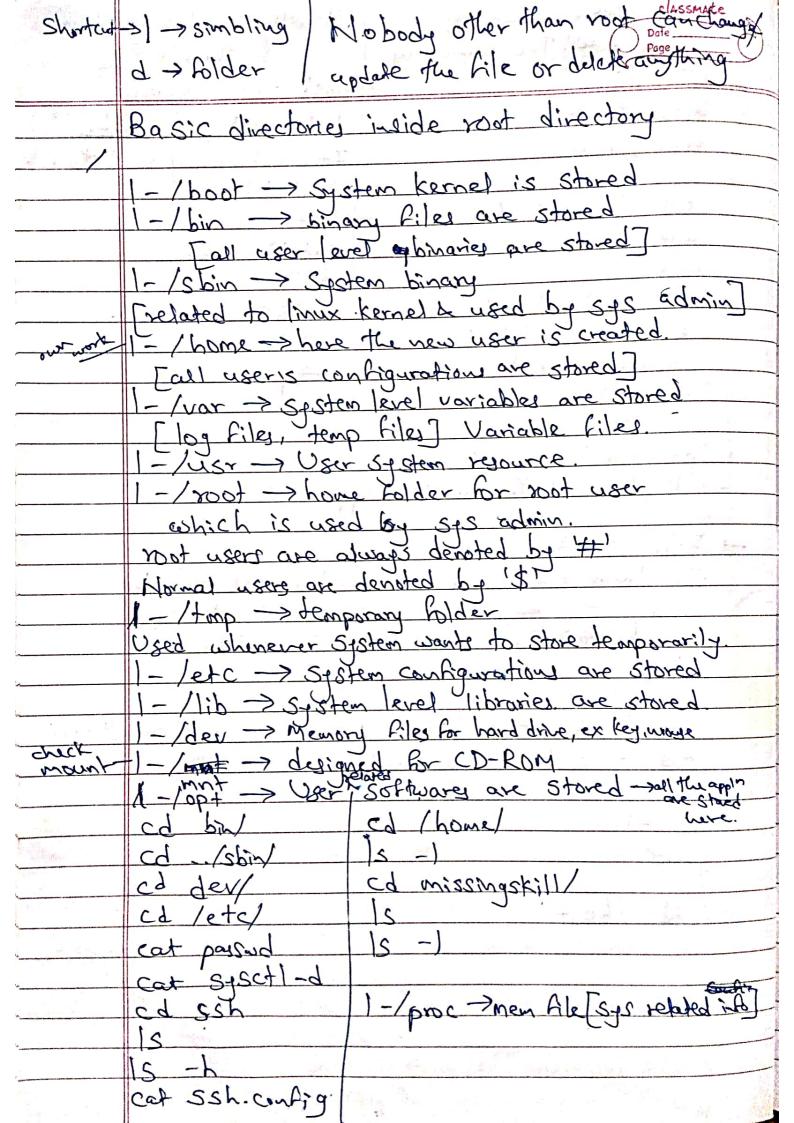
1.

classmate Goriale. cd & Sanal-d/ mkdir skill 1s-1 cd skill/ pwd create mkdir 2020/09 -p - Recursive directory cd 2020 15 cd 09 11 prokdir 01 02 03 To create multiple Rolders in covert directory cd 102 cd Wsamald cd-mr aser's home folder - /samal_d one folder back thengo to -Sq N/Samod_d Look for yer's home Folder trangato.

	rador remotes only empty directories classmate
	- rf -> r-recursive f- force Chasemate
and the beautiful	S and
	15 may F
1	rmdin ov
	S
	rudir 02
	rudin 03
	5
The second secon	IS and the same of
	mkdir or/skill -p
	Ms ad with the last the state of the state o
	randir 02 -> It will not remove and 02 dir.
	m - 2 05
	> This will remove not only the directory but
	also cet all files & folders in it.
	3 -1
460	mkdir 02/skill -p
	will create two diretors inside 09 & one skill directory individually inside the folder recursively.
10,	directory molividually inside the rolater recursing.
-	cd oz/
	Cq - 03/
- A	13 is leading to the state of t
	ma linux -> delete Rile
i i	re-re-skill delete bolder
A AND THE PROPERTY.	touch linux git is - & create 3 Files
	C I shift have been seen as a second
	a solete all the riles but not folder
-	rm -rf & -> delete all the Goldens & Riles rm skill/linux -> delete linux Rile inside skill Rober
pecifi	rm skill/linex -> delete linex file inside skill Rober
	rn -rf skill task-d > delete directory
- 1	

mu plays and role my sm samal-linux samal-d my somal my samal-d mu sand linux linux -sand sename the file my smal-my my samal rename Polder my linux-samal -. /linux-samal-practice This will move the file one step back & rename it at othe same time. If a file is already exist with the same name comparing with are are moving, then it will overwrite the destination Rile cp some sampled/ copy source file to dest folder copy a file from prev bolder to current bolder copy file one step back cp -rf satished samaled copy source folder to dest folder ep -rf yogesh-k vishal-d subadh-d samal-d copy multiple holders to dest holder
my Subodhad vishalad yogethak ... Depaliad move multiple holders to cd Depalid/ It will remove all the inside content in the directory but not the directory.

cd / bin/ It will prive laplatered by Display all the commands. of the one tail -loof somal ed /sbin/ can HELLO dick split pave trazes ech \$PATH It continously read to fix just like cd /user/sbin/ wget paytm.com cat >> sarral eat 15 Hello This is alive Ale cat index. Interl less index. html Space -wext w-> prev 9-9411 display all the running applications JEFile System In their everything is considered as a File ed (-> man root directory (system's) |
pud Mrs System's root directory or (boot) -> display antique of the kernel are stored Thome directory pud ed 1600A



Narlog classmate Si root Xtail -100f syslog Chown missingskill: missingskill opt/-R change ownership Edisk -1 /derk -> check The File System Pais Su root fdisk -1 Fdisk -1 /dev/vdal