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Introduction to Linux and Terminal Commands
Shell: A shell is a program that provides the traditional, text-only user-interface for linux or other UNIX-like Operating system.
1) Is command - Lists all the directories / files.
mkdir command - Makes a new directory
a) cd command - Changes directory
@cd command- Go back to previous directory.
Environment Variables - Set of dynamic named values, set outside the programe, typically through function - ality built into OS or microservices.
1s - a command - Lists hidden files (starts with.)
* pwd command - Present Working Directory
1s - L command - Lists files with more details.
(*) Is-B command - List all files from Sub-dirs, too
(x) cat command - Shows content of a file.

* man command- Tells about all commands.

a echo command - Shows the desired string or value.

	For eg cat file. txt
	Hello World
	cat file.txt tr a-2 A-Z>
	cat upper.txt
	HELLO WORLD
*	touch command - Creates a file.
(*)	ep command - Copy files
(♣) γ	nv command - Move files
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m r	m command - Removes file permanently.
	p - R command - Copy directory
	O II COMPILIA SOFT
(#) W	1v - R command - Move directory
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7 12	n - R command - Removes directory permanently
£ 5,	udo command - Administrative Commands (Password)
A de	f command - Disk Availability
* 6	u command - Shows size of directories
70 h	ead command - Displays first 10 lines

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and the last of th	
	Adiff command - Compares file line by line and print
	the differences.
	* locate command - Finds out files (returns directory)
	* find command - Shows all present siles, (acc to requirement
	Permissions - · Read · Write · Execute
	* chmod command - To control permissions
	4 (read) + 2 (write) + 1 (execute)
	Foreg. chmod 777 index, +xt
	- rwx rwx rwx
	Chmod 577 index.txt
	-r-xrwxrwx
	chmod 500 index.txt
	chown command - To change the file owner (group.
	(*) grep command - Search for a string in groups of files
	-w (completes the word)
	-i (ignores case-sensitivity)
	-n (line number)
	-r (searches in sub-directories foo)
	-c (count for number of appearance)
	- (lists all files with that string specified)
	(a) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	* history command - History of command usage.

Dalias command - Instructs shell to replace one string with another string, while executing the command.

* Terminal Shortcuts:
• ctrl + A - Move cursor to first
 • ctrl + E - Move carsor to end.
• ctrl + K - Removes everything after cursor.
 octrl + U - Removes everything
· tab - Auto-completion.
· I (no in History) - Bring the command from History
• ! (no. in History) - Bring the command from History • ctrl + R - Search for previous commands.
Search vor previous communities.
 · cmd + K - Clear
* sort command - Sorts everything Within the file
jobs command - Processes running are shown
ping command - Connects to server and recieves packe
* wget command - Downloader
top command - Softwares Running are shown
* uname command - Kernel name
7 zip command - Creates compressed file
(*) unzip command - Unzips file.
hostname command - Obtain DNS name and information
(2) Useradd command - Adds user

(Userdel command - Removes user

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	(Iscpu command - CPU details
	free command - Free memory checking
	. 2
	wmstat command - Virtual memory checking
	tirtual memory thecking
	(id command - See groups
	getent command - Checks if an user exist.
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	Isof command - List all the Open files
	C 1301 Sommaria List all the open titles
	nslookup command - To check IP of a domain
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	netstat command - Active ports
	() and - Strang oditor ()
	sed command - Stream editor (logs)
	@ cut command - Cut out selected portions of each line
	of a file.
	htop command - Shows resource consumptions
	(De et : 88 11 1) (manual) > (evenside
	(AND) (OR) (NOT) (append), > (override

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