classroom envirorment

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isp server switch client

console

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it is software application that will predefined in os. it is an application throusgh which we can directly interact with our os

2types of console

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1.cli -ctrl+alt+(f2...f5)

2.gui -ctrl+alt+f1

terminal

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it is an application where we are excuting the command to get the output

command

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it is also an application which are executed in terminal to get the output

shell prompt

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kiosk@foundation1 Desktop ]$

user machine no pwd non previlised user

rht-vmctl status all-to see all the virtual machine

rht-vmctl fullreset all -to full reset

rht-vmctl reset all - to reset all the machines

rht-vmctl start all - to start all the machine

rht-vmview view {vm name} - to see the vm

Basic commands

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uname -which os you are loged in

uname -a -all information

uname -r -kernel version

whoami -which user you are logged in

pwd -present work directory

ls -to list all the file directory

ls -l -long list of the files

ls -a -to see the hidden files

history-to see the history

clear - to clear the terminal

hostname - to see the hostname

hostname -i -to see the ip address

ipconfig- to check in details

wc -l (file name) - to see the no of line in file

wc -c (file name) - to see the character

head (filename) -to see 10lines

head -20 (file name) - to see the 20 lines

tail (file name) - to see the 10 below lines

tail -20 (file name) -to see the 20 below lines

date - to see the date

date +%r - timing

date +%R - to see only time

cal - to see the calander

cd - to change the directory

su - (user name) - to change the user

alias himanshu=clear

unalias himanshu