Basic imp Unix Commands

GAC

Working with files

- Creating files
  - Can use vi or any editor
  - Can use cat with input and output redirection
  - touch

- Copying files
  - cp makes a copy of an existing file
  - scp

- Deleting files: rm

More commands

- **ls** lists the files in the current directory by name
- **cd** changes your position in the directory tree
- **mv** moves a file from one directory to another
- **rm** deletes a file
- **date** prints the current date and time
- **mkdir** creates a directory
- **rmdir** deletes a directory (must be empty)
- All Unix commands have options

who: Who are using the system

- who
- who am I
- who –r
- Finger
- tty

usage of basic commands

- ls
- ls –la
- ls –lrt
- Pwd – present working directory
- Cd –change directory
- History
- Uname –a
- Uptime
- bash

Usage of basics commands

- Cat > file1
- Cat >> file1
- touch zerofile
- mkdir dirname
- mkdir –p /dir1/dir2
- rm
- mv

- cal
- Cp – copy files with in the server
- Scp – copy files from 1 server to other
- tar –cvf
- tar –xvf
- gzip
- gunzip

- chmod
- chown
- Chgrp
- ping
- ifconfig -a
- Netstat
- nslookup
- clear
- man

- df
- du
- mount
- umount
- grep
- find
- id

- Which
- Whereis
- Kill
- Pkill
- Echo

- Useradd
- Userdel
- Usermod
- Groupadd
- Groupmod
- Groupdel
- Passwd username
- Passwd –u username
- Passwd –S <username>
- chage

Port Numbers

- Ssh – secure shell (22)
- telnet – 23
- FTP – 20/21
- HTTP - 80
- Head –Reads from top to bottom
- Tail – Reads from bottom to top
- More – Reads page by page

- Fdisk –l
- Parted –list
- echo "- - -" > /sys/class/scsi_host/hostN/scan
- df –h
- df -Th

References