UNIX Activity day 1

[admin@hostname01 Desktop]$ pwd

/home/admin/Desktop

[admin@hostname01 Desktop]$ ls

[admin@hostname01 Desktop]$ cd

[admin@hostname01 ~]$ ls

Desktop Documents Downloads Music Pictures Public Templates Videos

[admin@hostname01 ~]$ echo $home

[admin@hostname01 ~]$ whoami

admin

[admin@hostname01 ~]$ ls -a

. .bash\_logout .cache Documents .mozilla Public

.. .bash\_profile .config Downloads Music Templates

.bash\_history .bashrc Desktop .local Pictures Videos

[admin@hostname01 ~]$ ls $home

Desktop Documents Downloads Music Pictures Public Templates Videos

[admin@hostname01 ~]$ ls $HOME

Desktop Documents Downloads Music Pictures Public Templates Videos

[admin@hostname01 ~]$ ls -l

total 0

drwxr-xr-x. 2 admin admin 6 Dec 24 19:53 Desktop

drwxr-xr-x. 2 admin admin 6 Aug 25 2022 Documents

drwxr-xr-x. 2 admin admin 50 Aug 25 2022 Downloads

drwxr-xr-x. 2 admin admin 6 Aug 25 2022 Music

drwxr-xr-x. 2 admin admin 6 Aug 25 2022 Pictures

drwxr-xr-x. 2 admin admin 6 Aug 25 2022 Public

drwxr-xr-x. 2 admin admin 6 Aug 25 2022 Templates

drwxr-xr-x. 2 admin admin 6 Aug 25 2022 Videos

[admin@hostname01 ~]$ ls chap[0-9a-z]

ls: cannot access 'chap[0-9a-z]': No such file or directory

[admin@hostname01 ~]$ mkdir ~/C\_prog

[admin@hostname01 ~]$ ls ~l

ls: cannot access '~l': No such file or directory

[admin@hostname01 ~]$ ls -l

total 0

drwxr-xr-x. 2 admin admin 6 Jan 27 22:58 C\_prog

drwxr-xr-x. 2 admin admin 6 Dec 24 19:53 Desktop

drwxr-xr-x. 2 admin admin 6 Aug 25 2022 Documents

drwxr-xr-x. 2 admin admin 50 Aug 25 2022 Downloads

drwxr-xr-x. 2 admin admin 6 Aug 25 2022 Music

drwxr-xr-x. 2 admin admin 6 Aug 25 2022 Pictures

drwxr-xr-x. 2 admin admin 6 Aug 25 2022 Public

drwxr-xr-x. 2 admin admin 6 Aug 25 2022 Templates

drwxr-xr-x. 2 admin admin 6 Aug 25 2022 Videos

[admin@hostname01 ~]$ mkdir ~/newdir ~/newdirectory

[admin@hostname01 ~]$ ls

C\_prog Documents Music newdirectory Public Videos

Desktop Downloads newdir Pictures Templates

[admin@hostname01 ~]$ rmdir newdirectory

[admin@hostname01 ~]$ mkdir temp

[admin@hostname01 ~]$ rm -r newdir

[admin@hostname01 ~]$ ls

C\_prog Documents Music Public Templates

Desktop Downloads Pictures temp Videos

[admin@hostname01 ~]$ mkdir/~temp/directorynew

bash: mkdir/~temp/directorynew: No such file or directory

[admin@hostname01 ~]$ mkdir~/temp/directorynew

bash: mkdir~/temp/directorynew: No such file or directory

[admin@hostname01 ~]$ mkdir ~/temp

mkdir: cannot create directory ‘/home/admin/temp’: File exists

[admin@hostname01 ~]$ cd temp

[admin@hostname01 temp]$ mkdir directorynew

[admin@hostname01 temp]$ cd

[admin@hostname01 ~]$ pwd

/home/admin

[admin@hostname01 ~]$ cd

[admin@hostname01 ~]$ cd temp/directorynew

[admin@hostname01 directorynew]$ cd

[admin@hostname01 ~]$ rm -r C\_prog

[admin@hostname01 ~]$ ls

Desktop Documents Downloads Music Pictures Public temp Templates Videos

[admin@hostname01 ~]$ cd /etc

[admin@hostname01 etc]$ ls

accountsservice firefox magic sane.d

adjtime firewalld mailcap sasl2

aliases flatpak makedumpfile.conf.sample security

alsa fonts man\_db.conf selinux

alternatives foomatic mcelog services

anacrontab fprintd.conf microcode\_ctl sestatus.conf

appstream.conf fstab mime.types setroubleshoot

asound.conf fuse.conf mke2fs.conf sgml

at.deny fwupd modprobe.d shadow

audit gcrypt modules-load.d shadow-

authselect gdm motd shells

avahi geoclue motd.d skel

bash\_completion.d glvnd mtab smartmontools

bashrc gnupg multipath sos

bindresvport.blacklist GREP\_COLORS nanorc speech-dispatcher

binfmt.d groff netconfig ssh

bluetooth group NetworkManager ssl

brlapi.key group- networks sssd

brltty grub2.cfg nftables statetab.d

brltty.conf grub.d nsswitch.conf subgid

centos-release gshadow nsswitch.conf.bak subgid-

chromium gshadow- nvme subuid

chrony.conf gss openldap subuid-

chrony.keys host.conf opt sudo.conf

cifs-utils hostname os-release sudoers

cni hosts ostree sudoers.d

cockpit hp PackageKit sudo-ldap.conf

containers inittab pam.d sysconfig

cron.d inputrc papersize sysctl.conf

cron.daily iproute2 passwd sysctl.d

cron.deny iscsi passwd- systemd

cron.hourly issue pbm2ppa.conf system-release

cron.monthly issue.d pinforc system-release-cpe

crontab issue.net pkcs11 terminfo

cron.weekly kdump pkgconfig tmpfiles.d

crypto-policies kdump.conf pki tpm2-tss

crypttab kernel plymouth trusted-key.key

csh.cshrc keys pm tuned

csh.login keyutils pnm2ppa.conf udev

cups krb5.conf polkit-1 udisks2

cupshelpers krb5.conf.d popt.d updatedb.conf

dbus-1 ld.so.cache printcap UPower

dconf ld.so.conf profile usb\_modeswitch.conf

debuginfod ld.so.conf.d profile.d vconsole.conf

default libaudit.conf protocols vimrc

depmod.d libblockdev pulse virc

dhcp libibverbs.d qemu-ga vmware-tools

DIR\_COLORS libnl ras vulkan

DIR\_COLORS.lightbgcolor libpaper.d rc.d wgetrc

dnf libreport rc.local wireplumber

dnsmasq.conf libssh redhat-release wpa\_supplicant

dnsmasq.d libuser.conf request-key.conf X11

dracut.conf locale.conf request-key.d xattr.conf

dracut.conf.d localtime resolv.conf xdg

egl login.defs rpc xml

enscript.cfg logrotate.conf rpm yum

environment logrotate.d rsyncd.conf yum.conf

ethertypes lsm rsyslog.conf yum.repos.d

exports lvm rsyslog.d

favicon.png machine-id rwtab.d

filesystems machine-info samba

[admin@hostname01 etc]$ cd

[admin@hostname01 ~]$ ls -d /usr/bin/.\*

/usr/bin/. /usr/bin/..

[admin@hostname01 ~]$ cat>~/first.unix<<EOF

> Hi!GM everyone.

> welcome to first exe of UNIX

> hope u enjoy

> EOF

[admin@hostname01 ~]$ ls

first.unix

[admin@hostname01 ~]$ cp ~/first.unix~/first.unics

cp: missing destination file operand after '/home/admin/first.unix~/first.unics'

Try 'cp --help' for more information.

[admin@hostname01 ~]$ mkdir first.unics

[admin@hostname01 ~]$ ls

first.unics first.unix

[admin@hostname01 ~]$ cp ~/first.unix~/first.unics

cp: missing destination file operand after '/home/admin/first.unix~/first.unics'

Try 'cp --help' for more information.

[admin@hostname01 ~]$ cp ~/first.unix ~/first.unics

[admin@hostname01 ~]$ ls ~

first.unics first.unix

[admin@hostname01 ~]$ cat -n first.unix first.unics

1 Hi!GM everyone.

2 welcome to first exe of UNIX

3 hope u enjoy

cat: first.unics: Is a directory

[admin@hostname01 ~]$ mkdir ~/temp/newdir

mkdir: cannot create directory ‘/home/admin/temp/newdir’: No such file or directory

[admin@hostname01 ~]$ mkdir ~/temp

[admin@hostname01 ~]$ mkdir ~/temp/newdir

[admin@hostname01 ~]$ ls

first.unics first.unix temp

[admin@hostname01 ~]$ cp ~/\* ~/temp/newdir

cp: -r not specified; omitting directory '/home/admin/first.unics'

cp: -r not specified; omitting directory '/home/admin/temp'

[admin@hostname01 ~]$ ls ~/temp/newdir

first.unix

[admin@hostname01 ~]$ ls

first.unics first.unix temp

[admin@hostname01 ~]$ cp ~/first.unics ~/temp/newdir

cp: -r not specified; omitting directory '/home/admin/first.unics'

[admin@hostname01 ~]$ cp -r ~/first.unics ~/temp/newdir

[admin@hostname01 ~]$ ls ~/temp/newdir

first.unics first.unix

[admin@hostname01 ~]$ cp -r ~/\* ~/temp/newdir

cp: cannot copy a directory, '/home/admin/temp', into itself, '/home/admin/temp/newdir/temp'

[admin@hostname01 ~]$ mv ~/first.unix ~/temp/second.unix

[admin@hostname01 ~]$ ls ~/temp/newdir

first.unics first.unix temp

[admin@hostname01 ~]$ ls ~/temp

newdir second.unix

[admin@hostname01 ~]$ cd ~/temp

[admin@hostname01 temp]$ rm \*

rm: cannot remove 'newdir': Is a directory

[admin@hostname01 temp]$ rm -r temp

rm: cannot remove 'temp': No such file or directory

[admin@hostname01 temp]$ cd

[admin@hostname01 ~]$ rm -r ~/temp

[admin@hostname01 ~]$ cat >~/friends<<EOF

> madhu 6966456 09/03/68

> jamil 7656876 08/10/67

> EOF

[admin@hostname01 ~]$ cat ~/friends

madhu 6966456 09/03/68

jamil 7656876 08/10/67

[admin@hostname01 ~]$ cat ~/friends > ~/newfriends

[admin@hostname01 ~]$ cat ~/friends ~/newfriends

madhu 6966456 09/03/68

jamil 7656876 08/10/67

madhu 6966456 09/03/68

jamil 7656876 08/10/67

[admin@hostname01 ~]$ who > ~/users

[admin@hostname01 ~]$ cat ~/friends>> ~/users

[admin@hostname01 ~]$ date

Tue Jan 28 12:10:15 AM IST 2025

[admin@hostname01 ~]$ cal 12 2001

December 2001

Su Mo Tu We Th Fr Sa

1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

16 17 18 19 20 21 22

23 24 25 26 27 28 29

30 31

[admin@hostname01 ~]$ ls --help>lsdoc

[admin@hostname01 ~]$ less lsdoc

[admin@hostname01 ~]$ cat>data.txt

hello vidhi

[admin@hostname01 ~]$ cat data.txt

hello vidhi

[admin@hostname01 ~]$ rm data.txt

[admin@hostname01 ~]$ cat data.txt>errorlog.txt

cat: data.txt: No such file or directory

[admin@hostname01 ~]$ cat errorlog.txt

[admin@hostname01 ~]$ cat data.txt2>errorlog.txt

cat: data.txt2: No such file or directory

[admin@hostname01 ~]$ cat errorlog.txt