Week05 Lab1 Sobell Ch08 Lab123 bash

By Jack Jones

For cs3377.0w1

Due 2/18/22

login as: joj210003

Pre-authentication banner message from server:

| University of Texas at Dallas

| Department of Computer Science

|

| Use of UTD Information Systems is subject to

| the UTD Information Security and Acceptable Use Policy.

|

| Pursuant to Texas Administrative Code 202:

| (1) Unauthorized use is prohibited;

| (2) Usage may be subject to security testing and monitoring;

| (3) Misuse is subject to criminal prosecution; and

| (4) No expectation of privacy except as otherwise provided by applicable

| privacy laws.

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| ATTENTION: utdnetid != utdnetid@utdallas.edu (UTD != Google!)

|

| Just use utdnetid, and for the love of programming, STOP USING ALL CAPS!

|

| [[NOTE: All CS Graduate Students should use csgrads1.utdallas.edu ]]

| [[ If you are a CS Graduate Student, you cannot logon to this server.]]

|

|

| \*\*\*\*\* This system will require a connection to the GlobalProtect VPN startin

> g

| on the following dates:

|

| cslinux1.utdallas.edu - June 15, 2020

| cslinux2.utdallas.edu - June 22, 2020

|

| \*\*\*\*\* GlobalProtect VPN Instructions: https://www.utdallas.edu/oit/howto/vpn

> /

|

End of banner message from server

Keyboard-interactive authentication prompts from server:

End of keyboard-interactive prompts from server

┌──────────────────────────────────────────────────────────────────────┐

│ • MobaXterm Personal Edition v21.5 • │

│ (SSH client, X server and network tools) │

│ │

│ → SSH session to joj210003@cslinux1.utdallas.edu │

│ • Direct SSH : v │

│ • SSH compression : v │

│ • SSH-browser : v │

│ • X11-forwarding : v (remote display is forwarded through SSH) │

│ │

│ → For more info, ctrl+click on help or visit our website. │

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Last login: Thu Feb 17 14:10:30 2022 from utdvpn-10-50-124-113.utdallas.edu

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csgrads1.utdallas.edu - CentOS Linux 7.9

--All CS Graduate Students should use csgrads1--

cs1.utdallas.edu - CentOS Linux 7.9

cs2.utdallas.edu - CentOS Linux 7.9

\*\*\*---\*\*\*---\*\*\*---\*\*\*---\*\*\*---\*\*\*

This system is for use by CS students who need a general purpose Linux system

to complete homework assignments. Computationally or resource intensive

simulations will be throttled automatically.

Thank you,

CS Lab Manager

cs-labs@utdallas.edu

/scratch disk space can be used for temporary files.

All files within /scratch will be erased on a regular basis (Sunday 0300).

{cslinux1:~} mkdir Week05Labs

{cslinux1:~} cd Week05Labs

Lab 1

Part 1 Make short file

{cslinux1:~/Week05Labs} vim short

Part 2 Permissions of short

{cslinux1:~/Week05Labs} cat short

echo 'hi there'

{cslinux1:~/Week05Labs} ./short

-bash: ./short: Permission denied

{cslinux1:~/Week05Labs} ls -l short

-rw------- 1 joj210003 sn 16 Feb 17 14:14 short

Part 3 Make short executable

{cslinux1:~/Week05Labs} chmod +x short

{cslinux1:~/Week05Labs} ls -l short

-rwx--x--x 1 joj210003 sn 16 Feb 17 14:14 short

{cslinux1:~/Week05Labs} ./short

hi there

Part 4 Add #!/bin/bash

Part 5 Add comment line

{cslinux1:~/Week05Labs} vim short

Part 6 Write and execute first

{cslinux1:~/Week05Labs} vim first

{cslinux1:~/Week05Labs} chmod +x first

{cslinux1:~/Week05Labs} ./first test

test

Part 7 cptobak

{cslinux1:~/Week05Labs} vim copy

{cslinux1:~/Week05Labs} chmod +x copy

{cslinux1:~/Week05Labs} vim test

{cslinux1:~/Week05Labs} ls

copy first short test

{cslinux1:~/Week05Labs} ./copy test

{cslinux1:~/Week05Labs} ls

copy first short test test.bak

{cslinux1:~/Week05Labs} cat test.bak

This is a test file to see if the copy shell worked.

{cslinux1:~/Week05Labs} cat test

This is a test file to see if the copy shell worked.

Part 8 adding spaces

{cslinux1:~/Week05Labs} touch "test file"

{cslinux1:~/Week05Labs} ls

copy first short test test.bak test file

{cslinux1:~/Week05Labs} ./copy "test file"

ls

cp: target ‘file.bak’ is not a directory

The shell treats test file as two separate files

{cslinux1:~/Week05Labs} ls

copy first short test test.bak test file

{cslinux1:~/Week05Labs} vim copy

{cslinux1:~/Week05Labs} ./copy "test file"

{cslinux1:~/Week05Labs} ls

copy first short test test.bak test file test file.bak

Now the shell treats test file as a single file and makes a copy

{cslinux1:~/Week05Labs}

Broadcast message from emb190005@cslinux1.utdallas.edu (pts/8) (Thu Feb 17 15:44:16 2022):

test

echo delete this line

delete this line

Lab 2

Part 1 myname variable

{cslinux1:~/Week05Labs} myname="Jack Jones"

{cslinux1:~/Week05Labs} echo myname

myname

{cslinux1:~/Week05Labs} echo "myname"

myname

{cslinux1:~/Week05Labs} echo 'myname'

myname

{cslinux1:~/Week05Labs} echo $myname

Jack Jones

Part 2 readonly

{cslinux1:~/Week05Labs} readonly myname

{cslinux1:~/Week05Labs} myname="test"

-bash: myname: readonly variable

Since the variable is readonly a new value cannot be assigned

Part 3 HOME value

{cslinux1:~/Week05Labs} echo $HOME

/home/013/j/jo/joj210003

The value of HOME is listed above

{cslinux1:~/Week05Labs} echo ~

/home/013/j/jo/joj210003

Part 4 PATH value

{cslinux1:~/Week05Labs} echo $PATH

/usr/local/bin:/usr/bin:/bin:/usr/ccs/bin:/sbin:/usr/sbin:/usr/local/openwin/

bin:/usr/openwin/bin

The value of PATH is listed above

{cslinux1:~/Week05Labs} PATH=$PATH:~/bin

This shell now looks for any commands it is unable to find in the directories listed earlier in path

Part 5 change PS1

{cslinux1:~/Week05Labs} PS1="$ "

$ cd /

/$ PS1='\$ '

Part 6 Date, time, home dir, and PATH

$ vim partSix

$ chmod +x partSix

$ ./partSix

Thu Feb 17 17:48:28 CST 2022

/home/013/j/jo/joj210003

/usr/local/bin:/usr/bin:/bin:/usr/ccs/bin:/sbin:/usr/sbin:/usr/local/openwin/bin:/usr/openwin/bin:/home/013/j/jo/joj210003/bin

$ exit

logout

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Session stopped

- Press <return> to exit tab

- Press R to restart session

- Press S to save terminal output to file

Lab 3

login as: joj210003

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Last login: Fri Feb 18 21:16:07 2022 from utdvpn-10-50-124-113.utdallas.edu

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csgrads1.utdallas.edu - CentOS Linux 7.9

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{cslinux1:~} cd Week05Labs

Part 1 Run commands

{cslinux1:~/Week05Labs} head /etc/services

# /etc/services:

# $Id: services,v 1.55 2013/04/14 ovasik Exp $

#

# Network services, Internet style

# IANA services version: last updated 2013-04-10

#

# Note that it is presently the policy of IANA to assign a single well-known

# port number for both TCP and UDP; hence, most entries here have two entries

# even if the protocol doesn't support UDP operations.

# Updated from RFC 1700, ``Assigned Numbers'' (October 1994). Not all ports

{cslinux1:~/Week05Labs} ls /etc

\ cron.monthly GREP\_COLORS kde mtab prelink.conf speech-dispatcher

1 crontab groff kde4rc mtools.conf prelink.conf.d ssh

a2ps cron.weekly group kderc multipath printcap ssl

a2ps.cfg crypttab group- kdump.conf my.cnf profile sssd

a2ps-site.cfg csh.cshrc grub2.cfg kdump.conf.rpmnew my.cnf.d profile.d statetab

abrt csh.login grub.d kernel nanorc protocols statetab.d

acpi cups gshadow krb5.conf netconfig pulse subgid

adjtime cupshelpers gshadow- krb5.conf.\_bak NetworkManager purple subuid

akonadi dbus-1 gss krb5.conf.\_before\_ipa\_client networks python subversion

aliases dconf gssproxy krb5.conf.d nfs.conf qemu-ga sudo.conf

aliases.db default hba.conf krb5.conf.ipabkp nfsmount.conf qemu-kvm sudoers

aliases.rpmnew depmod.d hba.conf.010518-21\_37\_10.bak krb5.keytab nscd.conf radvd.conf sudoers.d

alsa dhcp hba.conf.010919-12\_58\_44.bak ksmtuned.conf nslcd.conf rc0.d sudoers.lecture

alternatives DIR\_COLORS hba.conf.013119-17\_52\_52.bak ksysguarddrc nsswitch.conf rc1.d sudoers.rpmnew

anacrontab DIR\_COLORS.256color hba.conf.020119-09\_31\_23.bak latrace.d nsswitch.conf.bak rc2.d sudo-ldap.conf

ant.conf DIR\_COLORS.lightbgcolor hba.conf.020419-06\_18\_42.bak ld.so.cache nsswitch.conf.\_before\_ipa\_client rc3.d sysconfig

ant.d dleyna-server-service.conf hba.conf.031218-10\_35\_58.bak ld.so.conf nsswitch.conf.ipabkp rc4.d sysctl.conf

asound.conf dnsmasq.conf hba.conf.050918-10\_36\_17.bak ld.so.conf.d nsswitch.conf.orig rc5.d sysctl.conf.rpmnew

at.deny dnsmasq.d hba.conf.051018-11\_34\_42.bak libaudit.conf nsswitch.conf.rpmnew rc6.d sysctl.d

audisp dracut.conf hba.conf.051319-13\_47\_57.bak libblockdev ntp rc.d systemd

audit dracut.conf.d hba.conf.051719-14\_42\_48.bak libibverbs.d ntp.conf rc.local system-release

auto.direct e2fsck.conf hba.conf.060418-15\_45\_59.bak libnl numad.conf rdma system-release-cpe

auto.direct.170106 edac hba.conf.060419-16\_58\_28.bak libpaper.d odbcinst.ini redhat-lsb target

autofs.conf egl hba.conf.061418-09\_28\_20.bak libreport oddjob redhat-release tcsd.conf

autofs\_ldap\_auth.conf elinks.conf hba.conf.081318-11\_45\_04.bak libuser.conf oddjobd.conf request-key.conf terminfo

auto.master enscript.cfg hba.conf.110718-16\_59\_33.bak libvirt oddjobd.conf.d request-key.d tmpfiles.d

auto.master.\_before\_ipa\_client environment hba.conf.121918-08\_02\_10.bak lightdm omreg.cfg resolv.conf Trolltech.conf

auto.master.d ethertypes highlight locale.conf omreg.ini rpc trusted-key.key

auto.master.orig exports host.conf localtime openldap rpm tuned

auto.misc exports.d hostname login.defs openmpi-x86\_64 rsyncd.conf udev

auto.net extlinux.conf hosts login.defs.rpmnew openvpn rsyslog.conf udisks2

auto.smb fail2ban hosts.allow logrotate.conf openwsman rsyslog.d unbound

avahi favicon.png hosts.deny logrotate.d opt rwtab updatedb.conf

bash\_completion.d fcoe hp logwatch os-release rwtab.d UPower

bashrc festival html2psrc lsb-release.d PackageKit samba vconsole.conf

binfmt.d filesystems idmapd.conf lsm pam.d sane.d vimrc

bluetooth filezilla idmapd.conf.ipabkp lvm papersize sasl2 virc

bonobo-activation firefox ImageMagick-6 lynx.cfg passwd scl virtuoso

brltty firewalld init.d lynx.lss passwd- screenrc vmware-tools

brltty.conf flatpak inittab lynx-site.cfg passwd.161006 securetty vpnc

centos-release fonts inputrc machine-id pbm2ppa.conf security wgetrc

centos-release-upstream foomatic ipa magic pcp selinux wpa\_supplicant

certmonger fprintd.conf iproute2 mailcap pcp.conf services X11

cgconfig.conf fstab ipsec.conf mail.rc pcp.env sestatus.conf xdg

cgconfig.d fuse.conf ipsec.d makedumpfile.conf.sample Pegasus setroubleshoot xinetd.conf

cgrules.conf fwupd ipsec.secrets man\_db.conf php.d setuptool.d xinetd.d

cgsnapshot\_blacklist.conf gconf iscsi mate-settings-daemon php.ini sgml xml

chkconfig.d gcrypt issue maven pinforc shadow xrdb

chrony.conf gdbinit issue.181018 mfs pkcs11 shadow- yp.conf

chrony.conf.rpmnew gdbinit.d issue.d mime.types pki shells yum

chrony.keys gdm issue.net mke2fs.conf plymouth shells.rpmnew yum.conf

chrony.keys.rpmnew geoclue issue.net.ORIG modprobe.d pm skel yum.repos.d

cifs-utils GeoIP.conf issue.NEW modulefiles pnm2ppa.conf slp.conf zlogin

cockpit ghostscript issue.ORIG modules-load.d polkit-1 slp.spi zlogout

cron.d gimp java motd popt.d smartmontools zprofile

cron.daily glvnd jvm motd\_05-10-2016 portreserve snmp zshenv

cron.deny gnome-vfs-2.0 jvm-commmon motd.160525 postfix sos.conf zshrc

cron.hourly gnupg jwhois.conf motd.d ppp sound

{cslinux1:~/Week05Labs} who

mmc200005 pts/0 2022-02-18 21:41 (utdvpn-10-50-121-219.utdallas.edu)

mkv190003 pts/1 2022-02-18 21:42 (utdvpn-10-50-127-168.utdallas.edu)

pjn190001 pts/2 2022-02-18 21:27 (utdvpn-10-50-126-59.utdallas.edu)

rae210001 pts/3 2022-02-18 21:05 (utdvpn-10-50-127-220.utdallas.edu)

dxe150630 pts/4 2022-02-18 21:04 (utdvpn-10-50-120-69.utdallas.edu)

mxr190063 pts/5 2022-02-18 21:42 (utdvpn-10-50-124-99.utdallas.edu)

amos pts/6 2022-01-25 10:18 (oitleap01.utdallas.edu)

axk190110 pts/7 2022-02-18 21:32 (utdvpn-10-50-123-203.utdallas.edu)

kxp190038 pts/8 2022-02-18 19:45 (utdvpn-10-50-125-167.utdallas.edu)

nll210000 pts/9 2022-02-18 21:56 (utdvpn-10-50-120-251.utdallas.edu)

ozbirn pts/10 2022-01-24 12:59 (ozbirn2.campus.ad.utdallas.edu)

bdc210000 pts/11 2022-02-18 20:55 (utdvpn-10-50-122-12.utdallas.edu)

cae190001 pts/12 2022-02-18 20:50 (utdvpn-10-50-122-59.utdallas.edu)

tdn190002 pts/13 2022-02-18 21:15 (utdvpn-10-50-124-243.utdallas.edu)

axr190125 pts/14 2022-02-18 21:50 (utdvpn-10-50-120-68.utdallas.edu)

bdc210000 pts/15 2022-02-18 21:49 (utdvpn-10-50-122-12.utdallas.edu)

joj210003 pts/16 2022-02-18 22:04 (utdvpn-10-50-124-113.utdallas.edu)

sxm190125 pts/17 2022-02-18 20:43 (utdvpn-10-50-120-210.utdallas.edu)

kxp190038 pts/18 2022-02-18 21:35 (utdvpn-10-50-125-167.utdallas.edu)

axt190038 pts/19 2022-02-18 21:03 (utdvpn-10-50-121-185.utdallas.edu)

emp190000 pts/20 2022-02-18 21:12 (utdvpn-10-50-120-64.utdallas.edu)

lws180001 pts/22 2022-02-18 17:55 (utdvpn-10-50-124-8.utdallas.edu)

axn170025 pts/23 2022-02-18 20:51 (utdvpn-10-50-124-59.utdallas.edu)

jxj190043 pts/24 2022-02-18 20:33 (utdvpn-10-50-122-223.utdallas.edu)

exs200000 pts/25 2022-02-18 21:03 (utdvpn-10-50-125-222.utdallas.edu)

axt190038 pts/27 2022-02-18 19:18 (utdvpn-10-50-121-185.utdallas.edu)

vpd180002 pts/28 2022-02-18 21:23 (utdvpn-10-50-120-181.utdallas.edu)

zxz200026 pts/29 2022-02-18 20:45 (utdvpn-10-50-123-185.utdallas.edu)

rsi190001 pts/30 2022-02-18 21:28 (utdvpn-10-50-120-104.utdallas.edu)

sxm190125 pts/31 2022-02-18 22:03 (utdvpn-10-50-120-210.utdallas.edu)

mps200001 pts/32 2022-02-18 20:48 (utdvpn-10-50-123-167.utdallas.edu)

jxy180027 pts/33 2022-02-18 21:47 (utdvpn-10-50-120-244.utdallas.edu)

rsi190001 pts/34 2022-02-18 20:35 (utdvpn-10-50-120-104.utdallas.edu)

adh200004 pts/35 2022-02-18 21:44 (utdvpn-10-50-125-121.utdallas.edu)

rsa190001 pts/36 2022-02-18 16:34 (utdvpn-10-50-120-163.utdallas.edu)

mxn200015 pts/37 2022-02-18 20:15 (utdvpn-10-50-121-95.utdallas.edu)

zas190007 pts/38 2022-02-18 21:18 (utdvpn-10-50-121-135.utdallas.edu)

emu200000 pts/39 2022-02-18 21:56 (utdvpn-10-50-120-221.utdallas.edu)

bxn190007 pts/40 2022-02-18 22:00 (utdvpn-10-50-120-109.utdallas.edu)

gyw200000 pts/41 2022-02-18 20:54 (utdvpn-10-50-127-97.utdallas.edu)

rsi190001 pts/42 2022-02-18 21:46 (utdvpn-10-50-120-104.utdallas.edu)

vpd180002 pts/43 2022-02-18 19:59 (utdvpn-10-50-120-181.utdallas.edu)

axc180094 pts/44 2022-02-18 20:54 (utdvpn-10-50-120-215.utdallas.edu)

cnh190001 pts/45 2022-02-18 21:33 (utdvpn-10-50-124-46.utdallas.edu)

mkv190003 pts/46 2022-02-18 21:55

mac190009 pts/47 2022-02-18 21:25 (utdvpn-10-50-120-236.utdallas.edu)

kxy200010 pts/49 2022-02-18 21:03 (utdvpn-10-50-121-38.utdallas.edu)

jxc210027 pts/50 2022-02-18 21:26 (utdvpn-10-50-120-220.utdallas.edu)

ecj200000 pts/51 2022-02-18 21:35 (utdvpn-10-50-120-245.utdallas.edu)

mmb190012 pts/52 2022-02-18 19:19 (utdvpn-10-50-120-224.utdallas.edu)

ack200002 pts/53 2022-02-18 21:14 (utdvpn-10-50-120-213.utdallas.edu)

gjp180001 pts/54 2022-02-18 21:12 (utdvpn-10-50-120-219.utdallas.edu)

axc180094 pts/55 2022-02-18 21:48 (utdvpn-10-50-120-215.utdallas.edu)

kxc180021 pts/56 2022-02-18 21:40 (utdvpn-10-50-125-238.utdallas.edu)

amp190013 pts/57 2022-02-18 20:26 (utdvpn-10-50-125-100.utdallas.edu)

sxa173731 pts/58 2022-02-16 11:45 (10.176.90.131)

nck200001 pts/59 2022-02-18 21:49 (utdvpn-10-50-120-243.utdallas.edu)

bjg150230 pts/60 2022-02-18 21:49 (utdvpn-10-50-120-31.utdallas.edu)

kxp190038 pts/61 2022-02-18 21:45 (utdvpn-10-50-125-167.utdallas.edu)

ars190011 pts/62 2022-02-18 21:18 (10.169.180.125)

axt190038 pts/63 2022-02-18 20:46 (utdvpn-10-50-121-185.utdallas.edu)

kxh200032 pts/64 2022-02-18 21:14 (utdvpn-10-50-127-127.utdallas.edu)

cmt160330 pts/65 2022-02-18 21:45 (utdvpn-10-50-123-126.utdallas.edu)

axr190125 pts/66 2022-02-18 21:51

sxa173731 pts/67 2022-02-16 12:04 (10.176.90.131)

kxp190038 pts/68 2022-02-18 22:00 (utdvpn-10-50-125-167.utdallas.edu)

mxn180025 pts/69 2022-02-18 16:08 (utdvpn-10-50-120-193.utdallas.edu)

rsp190005 pts/70 2022-02-18 21:13 (utdvpn-10-50-125-41.utdallas.edu)

emu200000 pts/71 2022-02-18 21:56 (utdvpn-10-50-120-221.utdallas.edu)

rsi190001 pts/73 2022-02-18 21:53 (utdvpn-10-50-120-104.utdallas.edu)

ess190005 pts/74 2022-02-18 18:30 (utdvpn-10-50-120-240.utdallas.edu)

kel190000 pts/75 2022-02-18 18:43 (utdvpn-10-50-126-136.utdallas.edu)

axf190025 pts/76 2022-02-18 21:29 (utdvpn-10-50-121-246.utdallas.edu)

sxf102220 pts/77 2022-02-18 20:49 (utdvpn-10-50-123-255.utdallas.edu)

sjl170003 pts/78 2022-02-18 21:54 (utdvpn-10-50-125-23.utdallas.edu)

snm190008 pts/79 2022-02-18 21:18 (utdvpn-10-50-120-214.utdallas.edu)

aay200001 pts/80 2022-02-18 19:24 (utdvpn-10-50-127-129.utdallas.edu)

rsi190001 pts/81 2022-02-18 21:56 (utdvpn-10-50-120-104.utdallas.edu)

ara180006 pts/82 2022-02-18 21:59 (utdvpn-10-50-125-25.utdallas.edu)

spd190001 pts/83 2022-02-18 21:59 (utdvpn-10-50-124-27.utdallas.edu)

axr190125 pts/84 2022-02-18 19:39 (utdvpn-10-50-120-68.utdallas.edu)

jxj190043 pts/85 2022-02-18 22:00 (utdvpn-10-50-122-223.utdallas.edu)

jxc210027 pts/87 2022-02-18 21:11 (utdvpn-10-50-120-220.utdallas.edu)

axk200159 pts/90 2022-02-18 20:37 (utdvpn-10-50-120-231.utdallas.edu)

cmf190003 pts/92 2022-02-18 19:26 (utdvpn-10-50-120-151.utdallas.edu)

rxv200022 pts/94 2022-02-18 19:32 (utdvpn-10-50-121-144.utdallas.edu)

axt190038 pts/95 2022-02-18 21:21 (utdvpn-10-50-121-185.utdallas.edu)

rsp190005 pts/96 2022-02-18 21:22

lsa210004 pts/98 2022-02-18 19:55 (utdvpn-10-50-120-191.utdallas.edu)

ujs200000 pts/102 2022-02-18 20:40 (utdvpn-10-50-122-37.utdallas.edu)

{cslinux1:~/Week05Labs} date

Fri Feb 18 22:05:38 CST 2022

{cslinux1:~/Week05Labs} uname -a

Linux cslinux1.utdallas.edu 3.10.0-1160.53.1.el7.x86\_64 #1 SMP Fri Jan 14 13:59:45 UTC 2022 x86\_64 x86\_64 x86\_64 GNU/Linux

{cslinux1:~/Week05Labs} history | tail

40 exit

41 cd Week05Labs

42 head /etc/services

43 ls /etc

44 who

45 date

46 uname -a

47 history tail

48 echo delete 1 line

49 history | tail

{cslinux1:~/Week05Labs} !43

ls /etc

\ cron.monthly GREP\_COLORS kde mtab prelink.conf speech-dispatcher

1 crontab groff kde4rc mtools.conf prelink.conf.d ssh

a2ps cron.weekly group kderc multipath printcap ssl

a2ps.cfg crypttab group- kdump.conf my.cnf profile sssd

a2ps-site.cfg csh.cshrc grub2.cfg kdump.conf.rpmnew my.cnf.d profile.d statetab

abrt csh.login grub.d kernel nanorc protocols statetab.d

acpi cups gshadow krb5.conf netconfig pulse subgid

adjtime cupshelpers gshadow- krb5.conf.\_bak NetworkManager purple subuid

akonadi dbus-1 gss krb5.conf.\_before\_ipa\_client networks python subversion

aliases dconf gssproxy krb5.conf.d nfs.conf qemu-ga sudo.conf

aliases.db default hba.conf krb5.conf.ipabkp nfsmount.conf qemu-kvm sudoers

aliases.rpmnew depmod.d hba.conf.010518-21\_37\_10.bak krb5.keytab nscd.conf radvd.conf sudoers.d

alsa dhcp hba.conf.010919-12\_58\_44.bak ksmtuned.conf nslcd.conf rc0.d sudoers.lecture

alternatives DIR\_COLORS hba.conf.013119-17\_52\_52.bak ksysguarddrc nsswitch.conf rc1.d sudoers.rpmnew

anacrontab DIR\_COLORS.256color hba.conf.020119-09\_31\_23.bak latrace.d nsswitch.conf.bak rc2.d sudo-ldap.conf

ant.conf DIR\_COLORS.lightbgcolor hba.conf.020419-06\_18\_42.bak ld.so.cache nsswitch.conf.\_before\_ipa\_client rc3.d sysconfig

ant.d dleyna-server-service.conf hba.conf.031218-10\_35\_58.bak ld.so.conf nsswitch.conf.ipabkp rc4.d sysctl.conf

asound.conf dnsmasq.conf hba.conf.050918-10\_36\_17.bak ld.so.conf.d nsswitch.conf.orig rc5.d sysctl.conf.rpmnew

at.deny dnsmasq.d hba.conf.051018-11\_34\_42.bak libaudit.conf nsswitch.conf.rpmnew rc6.d sysctl.d

audisp dracut.conf hba.conf.051319-13\_47\_57.bak libblockdev ntp rc.d systemd

audit dracut.conf.d hba.conf.051719-14\_42\_48.bak libibverbs.d ntp.conf rc.local system-release

auto.direct e2fsck.conf hba.conf.060418-15\_45\_59.bak libnl numad.conf rdma system-release-cpe

auto.direct.170106 edac hba.conf.060419-16\_58\_28.bak libpaper.d odbcinst.ini redhat-lsb target

autofs.conf egl hba.conf.061418-09\_28\_20.bak libreport oddjob redhat-release tcsd.conf

autofs\_ldap\_auth.conf elinks.conf hba.conf.081318-11\_45\_04.bak libuser.conf oddjobd.conf request-key.conf terminfo

auto.master enscript.cfg hba.conf.110718-16\_59\_33.bak libvirt oddjobd.conf.d request-key.d tmpfiles.d

auto.master.\_before\_ipa\_client environment hba.conf.121918-08\_02\_10.bak lightdm omreg.cfg resolv.conf Trolltech.conf

auto.master.d ethertypes highlight locale.conf omreg.ini rpc trusted-key.key

auto.master.orig exports host.conf localtime openldap rpm tuned

auto.misc exports.d hostname login.defs openmpi-x86\_64 rsyncd.conf udev

auto.net extlinux.conf hosts login.defs.rpmnew openvpn rsyslog.conf udisks2

auto.smb fail2ban hosts.allow logrotate.conf openwsman rsyslog.d unbound

avahi favicon.png hosts.deny logrotate.d opt rwtab updatedb.conf

bash\_completion.d fcoe hp logwatch os-release rwtab.d UPower

bashrc festival html2psrc lsb-release.d PackageKit samba vconsole.conf

binfmt.d filesystems idmapd.conf lsm pam.d sane.d vimrc

bluetooth filezilla idmapd.conf.ipabkp lvm papersize sasl2 virc

bonobo-activation firefox ImageMagick-6 lynx.cfg passwd scl virtuoso

brltty firewalld init.d lynx.lss passwd- screenrc vmware-tools

brltty.conf flatpak inittab lynx-site.cfg passwd.161006 securetty vpnc

centos-release fonts inputrc machine-id pbm2ppa.conf security wgetrc

centos-release-upstream foomatic ipa magic pcp selinux wpa\_supplicant

certmonger fprintd.conf iproute2 mailcap pcp.conf services X11

cgconfig.conf fstab ipsec.conf mail.rc pcp.env sestatus.conf xdg

cgconfig.d fuse.conf ipsec.d makedumpfile.conf.sample Pegasus setroubleshoot xinetd.conf

cgrules.conf fwupd ipsec.secrets man\_db.conf php.d setuptool.d xinetd.d

cgsnapshot\_blacklist.conf gconf iscsi mate-settings-daemon php.ini sgml xml

chkconfig.d gcrypt issue maven pinforc shadow xrdb

chrony.conf gdbinit issue.181018 mfs pkcs11 shadow- yp.conf

chrony.conf.rpmnew gdbinit.d issue.d mime.types pki shells yum

chrony.keys gdm issue.net mke2fs.conf plymouth shells.rpmnew yum.conf

chrony.keys.rpmnew geoclue issue.net.ORIG modprobe.d pm skel yum.repos.d

cifs-utils GeoIP.conf issue.NEW modulefiles pnm2ppa.conf slp.conf zlogin

cockpit ghostscript issue.ORIG modules-load.d polkit-1 slp.spi zlogout

cron.d gimp java motd popt.d smartmontools zprofile

cron.daily glvnd jvm motd\_05-10-2016 portreserve snmp zshenv

cron.deny gnome-vfs-2.0 jvm-commmon motd.160525 postfix sos.conf zshrc

cron.hourly gnupg jwhois.conf motd.d ppp sound

Part 2 history command

{cslinux1:~/Week05Labs} history | tail

42 head /etc/services

43 ls /etc

44 who

45 date

46 uname -a

47 history tail

48 echo delete 1 line

49 history | tail

50 ls /etc

51 history | tail

Part 3 !

{cslinux1:~/Week05Labs} !-6

uname -a

Linux cslinux1.utdallas.edu 3.10.0-1160.53.1.el7.x86\_64 #1 SMP Fri Jan 14 13:59:45 UTC 2022 x86\_64 x86\_64 x86\_64 GNU/Linux

{cslinux1:~/Week05Labs} !!

uname -a

Linux cslinux1.utdallas.edu 3.10.0-1160.53.1.el7.x86\_64 #1 SMP Fri Jan 14 13:59:45 UTC 2022 x86\_64 x86\_64 x86\_64 GNU/Linux

{cslinux1:~/Week05Labs} !head

head /etc/services

# /etc/services:

# $Id: services,v 1.55 2013/04/14 ovasik Exp $

#

# Network services, Internet style

# IANA services version: last updated 2013-04-10

#

# Note that it is presently the policy of IANA to assign a single well-known

# port number for both TCP and UDP; hence, most entries here have two entries

# even if the protocol doesn't support UDP operations.

# Updated from RFC 1700, ``Assigned Numbers'' (October 1994). Not all ports

Part 4 alias d

{cslinux1:~/Week05Labs} alias d="date"

{cslinux1:~/Week05Labs} d

Fri Feb 18 22:15:45 CST 2022

Part 5 alias ls

{cslinux1:~/Week05Labs} alias ls="ls -l"

{cslinux1:~/Week05Labs} ls myname

-rwx--x--x 1 joj210003 sn 193 Feb 18 14:44 myname

{cslinux1:~/Week05Labs} \ls myname

myname

{cslinux1:~/Week05Labs} unalias ls

{cslinux1:~/Week05Labs} ls myname

Myname

Part 6 An alias should be defined at ~/.bashrc

Part 7 function welcome

{cslinux1:~/Week05Labs} function welcome { echo Welcome to my computer; }

{cslinux1:~/Week05Labs} welcome

Welcome to my computer

Part 8 function long

{cslinux1:~/Week05Labs} function long { d; ls -l;}

{cslinux1:~/Week05Labs} long

Fri Feb 18 22:24:01 CST 2022

total 864

-rwx--x--x 1 joj210003 sn 196 Feb 18 13:55 all

-rwx--x--x 1 joj210003 sn 141 Feb 17 15:32 copy

-rwx--x--x 1 joj210003 sn 196 Feb 18 20:36 echomyvar

-rwx--x--x 1 joj210003 sn 120 Feb 17 14:21 first

-rwx--x--x 1 joj210003 sn 328 Feb 18 20:14 ifthen

lrwxrwxrwx 1 joj210003 sn 3 Feb 18 14:19 linkto -> all

-rwx--x--x 1 joj210003 sn 166 Feb 18 19:33 looper

-rwx--x--x 1 joj210003 sn 144 Feb 18 19:46 looper2

-rwx--x--x 1 joj210003 sn 193 Feb 18 14:44 myname

-rwx--x--x 1 joj210003 sn 184 Feb 18 19:10 myname2

-rwx--x--x 1 joj210003 sn 106 Feb 17 17:47 partSix

-rw------- 1 joj210003 sn 0 Feb 18 18:47 PID

-rw------- 1 joj210003 sn 11 Feb 18 19:11 PID.name

-rw------- 1 joj210003 sn 242 Feb 18 21:06 pizza

-rw------- 1 joj210003 sn 28 Feb 18 21:11 practice2

-rwx--x--x 1 joj210003 sn 88 Feb 17 14:17 short

-rw------- 1 joj210003 sn 53 Feb 17 15:25 test

-rw------- 1 joj210003 sn 53 Feb 17 15:28 test.bak

-rw------- 1 joj210003 sn 0 Feb 17 15:27 test file

-rw------- 1 joj210003 sn 0 Feb 17 15:32 test file.bak

Part 9 function should be defined at ~/.bashrc

{cslinux1:~/Week05Labs} exit

logout

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Session stopped

- Press <return> to exit tab

- Press R to restart session

- Press S to save terminal output to file