

Provide the results of your issuing these commands in order on your Linux machine. These commands must be issued as a privilege (root) account.

```
cd /tmp
touch cptr2224.txt
mv cptr2224.txt cptr2224.linux
ls -l
ls -l cptr*
ls -l cptr?
cp /tmp/cptr* ~/
ls -l /home/preuss
ls -l /root
```

preuss : bash

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preuss@msctclinux:~> su
Password: █

We typed su, to become superuser or root.

preuss : bash

preuss : bash

File Edit View Scrollback Bookmarks Settings Help

preuss@msctclinux:~> su

Password: █



We entered root's password at this point.

preuss : bash

preuss : su

File Edit View Scrollback Bookmarks Settings Help

preuss@msctclinux:~> su

Password:

su: incorrect password

preuss@msctclinux:~> su

Password:

msctclinux: /home/preuss #

← Not every Linux distribution will change the color on the screen. However, most will change the prompt from ~> to #.

preuss : su

preuss : bash

File Edit View Scrollback Bookmarks Settings Help

preuss@msctclinux:~> su

Password:

su: incorrect password

preuss@msctclinux:~> su

Password:

msctclinux: /home/preuss # cd /tmp

preuss : bash

```
preuss : bash
File Edit View Scrollback Bookmarks Settings Help
preuss@msctclinux:~> su
Password:
su: incorrect password
preuss@msctclinux:~> su
Password:
msctclinux:/home/preuss # cd /tmp
msctclinux:/tmp #
```

preuss : bash

preuss : bash

File Edit View Scrollback Bookmarks Settings Help

```
preuss@msctclinux:~> su
Password:
su: incorrect password
preuss@msctclinux:~> su
Password:
msctclinux:/home/preuss # cd /tmp
msctclinux:/tmp # touch cptr2224.txt
msctclinux:/tmp #
```

preuss : bash

preuss : bash

File Edit View Scrollback Bookmarks Settings Help

preuss@msctclinux:~> su

Password:

su: incorrect password

preuss@msctclinux:~> su

Password:

msctclinux:/home/preuss # cd /tmp

msctclinux:/tmp # touch cptr2224.txt

msctclinux:/tmp # mv cptr2224.txt cptr2224.linux

preuss : bash

preuss : bash

File Edit View Scrollback Bookmarks Settings Help

```
preuss@msctclinux:~> su
Password:
su: incorrect password
preuss@msctclinux:~> su
Password:
msctclinux:/home/preuss # cd /tmp
msctclinux:/tmp # touch cptr2224.txt
msctclinux:/tmp # mv cptr2224.txt cptr2224.linux
msctclinux:/tmp #
```

preuss : bash

preuss : bash

File Edit View Scrollback Bookmarks Settings Help

```
preuss@msctclinux:~> su
Password:
su: incorrect password
preuss@msctclinux:~> su
Password:
msctclinux:/home/preuss # cd /tmp
msctclinux:/tmp # touch cptr2224.txt
msctclinux:/tmp # mv cptr2224.txt cptr2224.linux
msctclinux:/tmp # ls -l
```

preuss : bash

```

preuss : bash
File Edit View Scrollback Bookmarks Settings Help
drwx----- 3 1000 users 4096 2010-01-18 16:38 kde-tux
drwx----- 2 preuss users 4096 2010-01-25 15:30 ksocket-preuss
drwx----- 2 1000 users 4096 2010-01-18 16:41 ksocket-tux
drwx----- 2 preuss users 4096 2010-01-25 15:32 orbit-preuss
drwx----- 2 1000 users 4096 2010-01-18 16:38 orbit-tux
drwx----- 2 1000 users 4096 2010-01-18 16:41 pulse-J312HrJcZhkt
drwx----- 2 preuss users 4096 2010-01-25 15:11 pulse-reh1W3CxVttC
drwxr-xr-x 2 1000 users 4096 2010-01-18 22:22 tar
drwxrwxrwt 3 root root 4096 2010-01-18 22:33 VMwareDnD
drwx----- 2 preuss users 4096 2010-01-25 15:11 vmware-preuss
drwx----- 2 root root 4096 2010-01-25 14:39 vmware-root
-r--r--r-- 1 1000 users 95909121 2009-10-22 02:30 VMwareTools-8.1.3-203739.tar.gz
drwxr-xr-x 7 1000 users 4096 2009-10-22 02:30 vmware-tools-distrib
drwx----- 2 1000 users 4096 2010-01-18 16:38 vmware-tux
-r--r--r-- 1 root root 11 2010-01-25 15:10 .X0-lock
drwxrwxrwt 2 root root 4096 2010-01-25 15:10 .X11-unix
-rw----- 1 root root 55 2010-01-25 15:23 xauth.XXXXdPTLWV
-rw-r--r-- 1 root root 1007 2010-01-18 07:37 xwlog
msctclinux:/tmp #
preuss : bash

```

```

preuss : bash
File Edit View Scrollback Bookmarks Settings Help
drwx----- 2 1000 users 4096 2010-01-18 16:41 ksocket-tux
drwx----- 2 preuss users 4096 2010-01-25 15:32 orbit-preuss
drwx----- 2 1000 users 4096 2010-01-18 16:38 orbit-tux
drwx----- 2 1000 users 4096 2010-01-18 16:41 pulse-J312HrJcZhkt
drwx----- 2 preuss users 4096 2010-01-25 15:11 pulse-rehlW3CxVttC
drwxr-xr-x 2 1000 users 4096 2010-01-18 22:22 tar
drwxrwxrwt 3 root root 4096 2010-01-18 22:33 VMwareDnD
drwx----- 2 preuss users 4096 2010-01-25 15:11 vmware-preuss
drwx----- 2 root root 4096 2010-01-25 14:39 vmware-root
-r--r--r-- 1 1000 users 95909121 2009-10-22 02:30 VMwareTools-8.1.3-203739.tar.gz
drwxr-xr-x 7 1000 users 4096 2009-10-22 02:30 vmware-tools-distrib
drwx----- 2 1000 users 4096 2010-01-18 16:38 vmware-tux
-r--r--r-- 1 root root 11 2010-01-25 15:10 .X0-lock
drwxrwxrwt 2 root root 4096 2010-01-25 15:10 .X11-unix
-rw----- 1 root root 55 2010-01-25 15:23 xauth.XXXXdPTLWV
-rw-r--r-- 1 root root 1007 2010-01-18 07:37 xwlog

msctclinux:/tmp # ls -l cptr*
-rw-r--r-- 1 root root 0 2010-01-25 15:59 cptr2224.linux

msctclinux:/tmp # █

```

preuss : bash

```

File Edit View Scrollback Bookmarks Settings Help
drwx----- 2 1000 users 4096 2010-01-18 16:41 ksocket-tux
drwx----- 2 preuss users 4096 2010-01-25 15:32 orbit-preuss
drwx----- 2 1000 users 4096 2010-01-18 16:38 orbit-tux
drwx----- 2 1000 users 4096 2010-01-18 16:41 pulse-J312HrJcZhkt
drwx----- 2 preuss users 4096 2010-01-25 15:11 pulse-rehlW3CxVttC
drwxr-xr-x 2 1000 users 4096 2010-01-18 22:22 tar
drwxrwxrwt 3 root root 4096 2010-01-18 22:33 VMwareDnD
drwx----- 2 preuss users 4096 2010-01-25 15:11 vmware-preuss
drwx----- 2 root root 4096 2010-01-25 14:39 vmware-root
-r--r--r-- 1 1000 users 95909121 2009-10-22 02:30 VMwareTools-8.1.3-203739.tar.gz
drwxr-xr-x 7 1000 users 4096 2009-10-22 02:30 vmware-tools-distrib
drwx----- 2 1000 users 4096 2010-01-18 16:38 vmware-tux
-r--r--r-- 1 root root 11 2010-01-25 15:10 .X0-lock
drwxrwxrwt 2 root root 4096 2010-01-25 15:10 .X11-unix
-rw----- 1 root root 55 2010-01-25 15:23 xauth.XXXXdPTLWV
-rw-r--r-- 1 root root 1007 2010-01-18 07:37 xwlog

msctclinux:/tmp # ls -l cptr*
-rw-r--r-- 1 root root 0 2010-01-25 15:59 cptr2224.linux

msctclinux:/tmp # ls -l cptr?

```

preuss : bash

```

preuss : bash
File Edit View Scrollback Bookmarks Settings Help
drwx----- 2 1000 users 4096 2010-01-18 16:38 orbit-tux
drwx----- 2 1000 users 4096 2010-01-18 16:41 pulse-J312HrJcZhkt
drwx----- 2 preuss users 4096 2010-01-25 15:11 pulse-reh1W3CxVttC
drwxr-xr-x 2 1000 users 4096 2010-01-18 22:22 tar
drwxrwxrwt 3 root root 4096 2010-01-18 22:33 VMwareDnD
drwx----- 2 preuss users 4096 2010-01-25 15:11 vmware-preuss
drwx----- 2 root root 4096 2010-01-25 14:39 vmware-root
-r--r--r-- 1 1000 users 95909121 2009-10-22 02:30 VMwareTools-8.1.3-203739.tar.gz
drwxr-xr-x 7 1000 users 4096 2009-10-22 02:30 vmware-tools-distrib
drwx----- 2 1000 users 4096 2010-01-18 16:38 vmware-tux
-r--r--r-- 1 root root 11 2010-01-25 15:10 .X0-lock
drwxrwxrwt 2 root root 4096 2010-01-25 15:10 .X11-unix
-rw----- 1 root root 55 2010-01-25 15:23 xauth.XXXXdPTLWV
-rw-r--r-- 1 root root 1007 2010-01-18 07:37 xwlog

msctclinux:/tmp # ls -l cptr*
-rw-r--r-- 1 root root 0 2010-01-25 15:59 cptr2224.linux

msctclinux:/tmp # ls -l cptr?
ls: cannot access cptr?: No such file or directory

msctclinux:/tmp # █

```

preuss : bash

preuss : bash

```

File Edit View Scrollback Bookmarks Settings Help
drwx----- 2 1000 users 4096 2010-01-18 16:41 pulse-J312HrJcZhkt
drwx----- 2 preuss users 4096 2010-01-25 15:11 pulse-reh1W3CxVttC
drwxr-xr-x 2 1000 users 4096 2010-01-18 22:22 tar
drwxrwxrwt 3 root root 4096 2010-01-18 22:33 VMwareDnD
drwx----- 2 preuss users 4096 2010-01-25 15:11 vmware-preuss
drwx----- 2 root root 4096 2010-01-25 14:39 vmware-root
-r--r--r-- 1 1000 users 95909121 2009-10-22 02:30 VMwareTools-8.1.3-203739.tar.gz
drwxr-xr-x 7 1000 users 4096 2009-10-22 02:30 vmware-tools-distrib
drwx----- 2 1000 users 4096 2010-01-18 16:38 vmware-tux
-r--r--r-- 1 root root 11 2010-01-25 15:10 .X0-lock
drwxrwxrwt 2 root root 4096 2010-01-25 15:10 .X11-unix
-rw----- 1 root root 55 2010-01-25 15:23 xauth.XXXXdPTLWV
-rw-r--r-- 1 root root 1007 2010-01-18 07:37 xwlog

msctclinux:/tmp # ls -l cptr*
-rw-r--r-- 1 root root 0 2010-01-25 15:59 cptr2224.linux

msctclinux:/tmp # ls -l cptr?
ls: cannot access cptr?: No such file or directory

msctclinux:/tmp # cp /tmp/cptr* ~/
msctclinux:/tmp # █

```

preuss : bash

```
preuss : bash
File Edit View Scrollback Bookmarks Settings Help
drwxr-xr-x 3 preuss users 4096 2010-01-18 16:41 .kde
drwx----- 4 preuss users 4096 2010-01-18 16:42 .kde4
drwx----- 3 preuss users 4096 2010-01-18 16:42 .local
drwxr-xr-x 4 preuss users 4096 2010-01-19 20:20 .mozilla
drwxr-xr-x 3 preuss users 4096 2010-01-25 15:10 .nautilus
drwx----- 3 preuss users 4096 2010-01-25 15:35 .ooo3
-rw-r--r-- 1 preuss users 1028 2010-01-18 23:21 .profile
drwxr-xr-x 2 preuss users 4096 2010-01-18 23:21 .xhtml
drwx----- 2 preuss users 4096 2010-01-18 23:21 .xhtml
-rw----- 1 preuss users 256 2010-01-18 23:21 .xhtml.cookie
drwxr-xr-x 2 preuss users 4096 2010-01-18 23:21 .xhtml
-rw----- 1 preuss users 311 2010-01-18 23:21 .xhtml-used.xbel
drwxr-xr-x 2 preuss users 4096 2010-01-18 23:21 .xhtml
-rw-r--r-- 1 preuss users 84 2010-01-18 23:21 .xhtml
-rw----- 1 preuss users 32 2010-01-18 23:21 .xhtml
-rw-r--r-- 1 preuss users 194 2010-01-18 23:21 .xhtml
-rwxr-xr-x 1 preuss users 144 2010-01-18 23:21 .xhtml.template
-rw----- 1 preuss users 53396 2010-01-25 15:54 .xsession-errors
msctclinux:/tmp #
```

The file is not here.

```
preuss : bash
```



```

preuss : bash
File Edit View Scrollback Bookmarks Settings Help
drwxr-xr-x 3 preuss users 4096 2010-01-18 16:41 .kde
drwx----- 4 preuss users 4096 2010-01-18 16:42 .kde4
drwx----- 3 preuss users 4096 2010-01-18 16:42 .local
drwxr-xr-x 4 preuss users 4096 2010-01-19 20:20 .mozilla
drwxr-xr-x 3 preuss users 4096 2010-01-25 15:10 .nautilus
drwx----- 3 preuss users 4096 2010-01-25 15:35 .ooo3
-rw-r--r-- 1 preuss users 1028 2010-01-18 23:21 .profile
drwxr-xr-x 2 preuss users 4096 2010-01-18 23:21 public_html
drwx----- 2 preuss users 4096 2010-01-18 16:42 .pulse
-rw----- 1 preuss users 256 2010-01-18 16:42 .pulse-cookie
drwxr-xr-x 2 preuss users 4096 2010-01-25 15:31 .qt
-rw----- 1 preuss users 3114 2010-01-25 15:10 .recently-used.xbel
drwxr-xr-x 2 preuss users 4096 2010-01-18 16:41 .skel
-rw-r--r-- 1 preuss users 849 2010-01-18 23:21 .vimrc
-rw----- 1 preuss users 324 2010-01-25 15:11 .Xauthority
-rw-r--r-- 1 preuss users 1940 2010-01-18 23:21 .xim.template
-rwxr-xr-x 1 preuss users 1446 2010-01-18 23:21 .xinitrc.template
-rw----- 1 preuss users 53396 2010-01-25 15:54 .xsession-errors
msctclinux:/tmp # ls -l /root
preuss : bash

```

preuss : bash

File Edit View Scrollback Bookmarks Settings Help

```
total 64
-rw----- 1 root root 161 2010-01-18 23:24 .bash_history
drwxr-xr-x 2 root root 4096 2008-12-02 23:02 bin
drwxr-xr-x 2 root root 4096 2010-01-18 07:50 .config
-rw-r--r-- 1 root root 0 2010-01-25 15:59 cptr2224.linux
drwx----- 3 root root 4096 2010-01-25 15:02 .dbus
-rw-r--r-- 1 root root 1332 2005-11-23 10:06 .exerc
drwx----- 2 root root 4096 2010-01-25 15:02
drwx----- 2 root root 4096 20
drwx----- 3 root root 4096 20
drwx----- 2 root root 4096 20
drwx----- 3 root root 4096 20
drwxr-xr-x 2 root root 4096 20
-rw----- 1 root root 937 20
-rw----- 1 root root 55 20
-rw----- 1 root root 55 20
-rw----- 1 root root 324 2010-01-25 15:06 .xauthority
```

The file is here in root's home directory.

msctclinux:/tmp #

preuss : bash

preuss : bash

File Edit View Scrollback Bookmarks Settings Help

```
total 64
-rw----- 1 root root 161 2010-01-18 23:24 .bash_history
drwxr-xr-x 2 root root 4096 2008-12-02 23:02 bin
drwxr-xr-x 2 root root 4096 2010-01-18 07:50 .config
-rw-r--r-- 1 root root 0 2010-01-25 15:59 cptr2224.linux
drwx----- 3 root root 4096 2010-01-25 15:02 .dbus
-rw-r--r-- 1 root root 1332 2005-11-23 10:06 .exrc
drwx----- 2 root root 4096 2010-01-25 15:02 .gconf
drwx----- 2 root root 4096 2010-01-25 15:10 .gconfd
drwx----- 3 root root 4096 2010-01-25 15:10 .gnome2
drwx----- 2 root root 4096 2010-01-25 15:02 .gnome2_private
drwx----- 2 root root 4096 2009-12-20 00:18 .gnupg
drwx----- 3 root root 4096 2010-01-18 16:37 .kdm
drwxr-xr-x 2 root root 4096 2010-01-18 07:45 .qt
-rw----- 1 root root 937 2010-01-25 15:06 .recently
-rw----- 1 root root 55 2010-01-25 15:59 .xauthAvt
-rw----- 1 root root 55 2010-01-25 15:23 .xauthnpr
-rw----- 1 root root 324 2010-01-25 15:06 .Xauthori
```

msctclinux:/tmp # exit

We type exit to leave root's login and become ourselves.

preuss : bash

preuss : bash

```

File Edit View Scrollback Bookmarks Settings Help
drwxr-xr-x 2 root root 4096 2008-12-02 23:02 bin
drwxr-xr-x 2 root root 4096 2010-01-18 07:50 .config
-rw-r--r-- 1 root root 0 2010-01-25 15:59 cptr2224.linux
drwx----- 3 root root 4096 2010-01-25 15:02 .dbus
-rw-r--r-- 1 root root 1332 2005-11-23 10:06 .exrc
drwx----- 2 root root 4096 2010-01-25 15:02 .gconf
drwx----- 2 root root 4096 2010-01-25 15:10 .gconfd
drwx----- 3 root root 4096 2010-01-25 15:10 .gnome2
drwx----- 2 root root 4096 2010-01-25 15:02 .gnome2_private
drwx----- 2 root root 4096 2009-12-20 00:18 .gnupg
drwx----- 3 root root 4096 2010-01-18 16:37 .kdm
drwxr-xr-x 2 root root 4096 2010-01-18 07:45 .qt
-rw----- 1 root root 937 2010-01-25 15:06 .recently-used.xbel
-rw----- 1 root root 55 2010-01-25 15:59 .xauthAVtZKX
-rw----- 1 root root 55 2010-01-25 15:23 .xauthnp
-rw----- 1 root root 324 2010-01-25 15:06 .Xautho

msctclinux:/tmp # exit
exit
preuss@msctclinux:~>

```

We could type exit again to leave the terminal.

preuss : bash