

CS242

Lab

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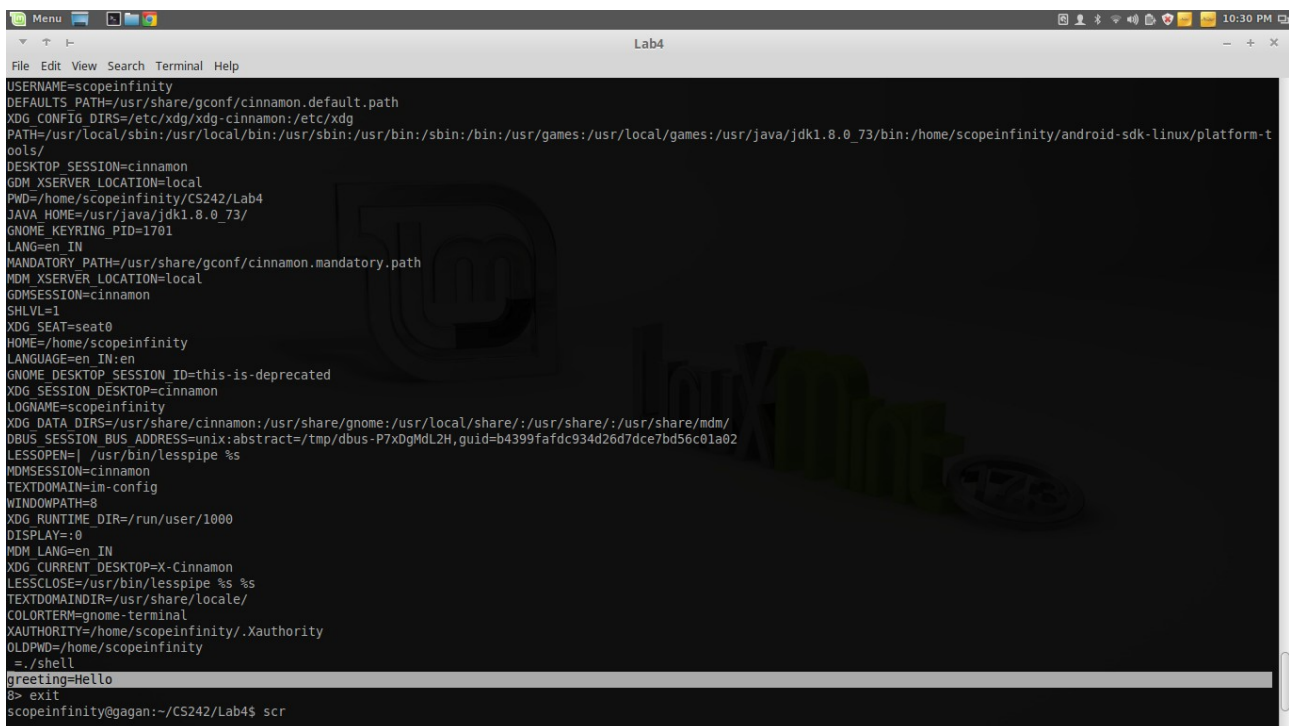
Roll : 1401CS15

Custom Shell

Screen Shots

> Basic Commands

```
scopeinfinity@gagan:~/CS242/Lab4$ ./shell
1> echo This is My Shell
This is My Shell
2> pwd
/home/scopeinfinity/CS242/Lab4
3> cd test
4> pwd
/home/scopeinfinity/CS242/Lab4/test
5> setenv greeting Hello
6> echo $greeting $USER , Desktop $DESKTOP_SESSION
greeting scopeinfinity, Desktop cinnamon
7> 
```

A screenshot of a terminal window titled "Lab4" with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal displays a list of environment variables including USERNAME, PATH, XDG_CONFIG_DIRS, GNOME_KEYRING_PID, LANG, MANDATORY_PATH, MDM_XSERVER_LOCATION, GDMSESSION, SHLVL, XDG_SEAT, HOME, LANGUAGE, GNOME_DESKTOP_SESSION_ID, XDG_SESSION_DESKTOP, LOGNAME, XDG_DATA_DIRS, DBUS_SESSION_BUS_ADDRESS, LESSOPEN, MDMSESSION, TEXTDOMAIN, WINDOWPATH, XDG_RUNTIME_DIR, DISPLAY, MDM_LANG, XDG_CURRENT_DESKTOP, LESSCLOSE, TEXTDOMAINDIR, COLORTERM, XAUTHORITY, OLDPWD, and a custom variable greeting. Below the list, the user runs the command `./shell`, which outputs `greeting=Hello`. Finally, the user runs `exit`, returning to the prompt `scopeinfinity@gagan:~/CS242/Lab4$`.

```
Menu 10:30 PM
Lab4
File Edit View Search Terminal Help
USERNAME=scopeinfinity
DEFAULTS_PATH=/usr/share/gconf/cinnamon.default.path
XDG_CONFIG_DIRS=/etc/xdg/xdg-cinnamon:/etc/xdg
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/usr/java/jdk1.8.0_73/bin:/home/scopeinfinity/android-sdk-linux/platform-t
ools/
DESKTOP_SESSION=cinnamon
GDM_XSERVER_LOCATION=local
PWD=/home/scopeinfinity/CS242/Lab4
JAVA_HOME=/usr/java/jdk1.8.0_73/
GNOME_KEYRING_PID=1701
LANG=en IN
MANDATORY_PATH=/usr/share/gconf/cinnamon.mandatory.path
MDM_XSERVER_LOCATION=local
GDMSESSION=cinnamon
SHLVL=1
XDG_SEAT=seat0
HOME=/home/scopeinfinity
LANGUAGE=en IN:en
GNOME_DESKTOP_SESSION_ID=this-is-deprecated
XDG_SESSION_DESKTOP=cinnamon
LOGNAME=scopeinfinity
XDG_DATA_DIRS=/usr/share/cinnamon:/usr/share/ gnome:/usr/local/share:/usr/share:/usr/share/mdm/
DBUS_SESSION_BUS_ADDRESS=unix:abstract=/tmp/dbus-P7x0gMdl2H,guid=b4399fafdc934d26d7dce7bd56c01a02
LESSOPEN=| /usr/bin/lesspipe %s
MDMSESSION=cinnamon
TEXTDOMAIN=im-config
WINDOWPATH=8
XDG_RUNTIME_DIR=/run/user/1000
DISPLAY=:0
MDM_LANG=en IN
XDG_CURRENT_DESKTOP=X-Cinnamon
LESSCLOSE=/usr/bin/lesspipe %s %s
TEXTDOMAINDIR=/usr/share/locale/
COLORTERM=gnome-terminal
XAUTHORITY=/home/scopeinfinity/.Xauthority
OLDPWD=/home/scopeinfinity
././shell
greeting=Hello
8> exit
scopeinfinity@gagan:~/CS242/Lab4$ scr
```

>Environment Variable List using ``env`` in my shell