Week Report 4

Practice 1

Practice 2

```
practicels.tar.xz                      100%[==================================================>]   2.12M  --.-KB/s    in 0.07s

2024-10-16 16:43:19 (29.2 MB/s) - 'practicels.tar.xz' saved [2229212/2229212]

esantos@cis106desktop:~$ tar Jxf practicels.tar.xz
esantos@cis106desktop:~$ tar Jxf practicels.tar.xz
esantos@cis106desktop:~$ cd practicels/
esantos@cis106desktop:~/practicels$ ls
book.txt  countries.xml  history-debian.pdf  homework.docx  movie.mp4  people.csv  song.mp3  tux-nobg.png  tux-penguin.gif
esantos@cis106desktop:~/practicels$ ls -a
.   book.txt        history-debian.pdf  movie.mp4   song.mp3     tux-penguin.gif
..  countries.xml  homework.docx       people.csv  tux-nobg.png
esantos@cis106desktop:~/practicels$ ls -l
total 2932
-rw-rw-r-- 1 esantos esantos    1043 Feb 27  2022 book.txt
-rw-rw-r-- 1 esantos esantos   23972 Feb 27  2022 countries.xml
-rw-rw-r-- 1 esantos esantos  163057 Feb 27  2022 history-debian.pdf
-rw-rw-r-- 1 esantos esantos  111303 Feb 22  2022 homework.docx
-rw-rw-r-- 1 esantos esantos 1570024 Feb 27  2022 movie.mp4
-rw-rw-r-- 1 esantos esantos  284042 Feb 27  2022 people.csv
-rw-rw-r-- 1 esantos esantos  764176 Feb 27  2022 song.mp3
-rw-rw-r-- 1 esantos esantos   21314 Feb 27  2022 tux-nobg.png
-rw-rw-r-- 1 esantos esantos   44299 Jan 31  2020 tux-penguin.gif
esantos@cis106desktop:~/practicels$ ls -lh
total 2.9M
-rw-rw-r-- 1 esantos esantos 1.1K Feb 27  2022 book.txt
-rw-rw-r-- 1 esantos esantos  24K Feb 27  2022 countries.xml
-rw-rw-r-- 1 esantos esantos 160K Feb 27  2022 history-debian.pdf
-rw-rw-r-- 1 esantos esantos 109K Feb 22  2022 homework.docx
-rw-rw-r-- 1 esantos esantos 1.5M Feb 27  2022 movie.mp4
-rw-rw-r-- 1 esantos esantos 278K Feb 27  2022 people.csv
-rw-rw-r-- 1 esantos esantos 747K Feb 27  2022 song.mp3
-rw-rw-r-- 1 esantos esantos  21K Feb 27  2022 tux-nobg.png
-rw-rw-r-- 1 esantos esantos  44K Jan 31  2020 tux-penguin.gif
esantos@cis106desktop:~/practicels$ ls -lht
total 2.9M
-rw-rw-r-- 1 esantos esantos  24K Feb 27  2022 countries.xml
-rw-rw-r-- 1 esantos esantos 278K Feb 27  2022 people.csv
-rw-rw-r-- 1 esantos esantos 747K Feb 27  2022 song.mp3
-rw-rw-r-- 1 esantos esantos 1.5M Feb 27  2022 movie.mp4
-rw-rw-r-- 1 esantos esantos 160K Feb 27  2022 history-debian.pdf
-rw-rw-r-- 1 esantos esantos  21K Feb 27  2022 tux-nobg.png
-rw-rw-r-- 1 esantos esantos 1.1K Feb 27  2022 book.txt
-rw-rw-r-- 1 esantos esantos 109K Feb 22  2022 homework.docx
-rw-rw-r-- 1 esantos esantos  44K Jan 31  2020 tux-penguin.gif
esantos@cis106desktop:~/practicels$ ls -lhgGS
total 2.9M
-rw-rw-r-- 1 1.5M Feb 27  2022 movie.mp4
-rw-rw-r-- 1 747K Feb 27  2022 song.mp3
-rw-rw-r-- 1 278K Feb 27  2022 people.csv
-rw-rw-r-- 1 160K Feb 27  2022 history-debian.pdf
-rw-rw-r-- 1 109K Feb 22  2022 homework.docx
-rw-rw-r-- 1  44K Jan 31  2020 tux-penguin.gif
-rw-rw-r-- 1  24K Feb 27  2022 countries.xml
-rw-rw-r-- 1  21K Feb 27  2022 tux-nobg.png
-rw-rw-r-- 1 1.1K Feb 27  2022 book.txt
esantos@cis106desktop:~/practicels$ ls -mr
tux-penguin.gif, tux-nobg.png, song.mp3, people.csv, movie.mp4, homework.docx, history-debian.pdf, countries.xml, book.txt
esantos@cis106desktop:~/practicels$ ls -1X
people.csv
homework.docx
tux-penguin.gif
```

Challenge

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1: esantos@cis106desktop: ~ ˅                                                           A]

esantos@cis106desktop:~$ pwd
/home/esantos
esantos@cis106desktop:~$ cd
esantos@cis106desktop:~$ cd /
esantos@cis106desktop:/$ cd usr/share/themes
esantos@cis106desktop:/usr/share/themes$ cd ../../
esantos@cis106desktop:/usr$ ls -A ~
.bash_history            .lesshst                Templates
.bash_logout             .local                  .vboxclient-clipboard-tty2-control.pid
.bashrc                  Music                   .vboxclient-clipboard-tty2-service.pid
.cache                   Pictures                .vboxclient-draganddrop-tty2-control.pid
cis106                   .pki                    .vboxclient-hostversion-tty2-control.pid
.config                  practicels              .vboxclient-seamless-tty2-control.pid
Desktop                  practicels.tar.xz       .vboxclient-vmsvga-session-tty2-control.pid
Documents                .profile                .vboxclient-vmsvga-session-tty2-service.pid
.dotnet                  Public                  Videos
Downloads                Scripts                 .viminfo
error_librewolfinstaller.log  snap               .vscode
.gitconfig               .ssh                    .wget-hsts
.gnupg                   .sudo_as_admin_successful
esantos@cis106desktop:/usr$ cd; ls -tX cis106/
cheatSheets  labs  notes  weekReports
esantos@cis106desktop:~$ ls -rR ~/home/esantos
ls: cannot access '/home/esantos/home/esantos': No such file or directory
esantos@cis106desktop:~$ ls -rR ~/cis106/
/home/esantos/cis106/:
weekReports   notes   labs   cheatSheets

/home/esantos/cis106/weekReports:
wr4   wr3   wr2   wr1

/home/esantos/cis106/weekReports/wr4:
wr4.p2.png   wr4.p1.png   wr4.md

/home/esantos/cis106/weekReports/wr3:
wr3.pdf   practice7.png   practice5.png   practice3.png   practice1.png     MSpractice1.png
wr3.md    practice6.png   practice4.png   practice2.png   MSpractice3.png

/home/esantos/cis106/weekReports/wr2:
wr2.pdf   wr2.md

/home/esantos/cis106/weekReports/wr1:
wr1.pdf   wr1.md   slack.png   github.png

/home/esantos/cis106/notes:
notes4   notes3   notes2

/home/esantos/cis106/notes/notes4:
notes4.md

/home/esantos/cis106/notes/notes3:
notes3.pdf   notes3.md

/home/esantos/cis106/notes/notes2:
notes2.pdf   notes2.md

/home/esantos/cis106/labs:
lab3   lab2   lab1

/home/esantos/cis106/labs/lab3:
'Screenshot from 2024-10-10 18-09-01.png'   q3.1.png   lab3-script1.sh   lab3.md
```
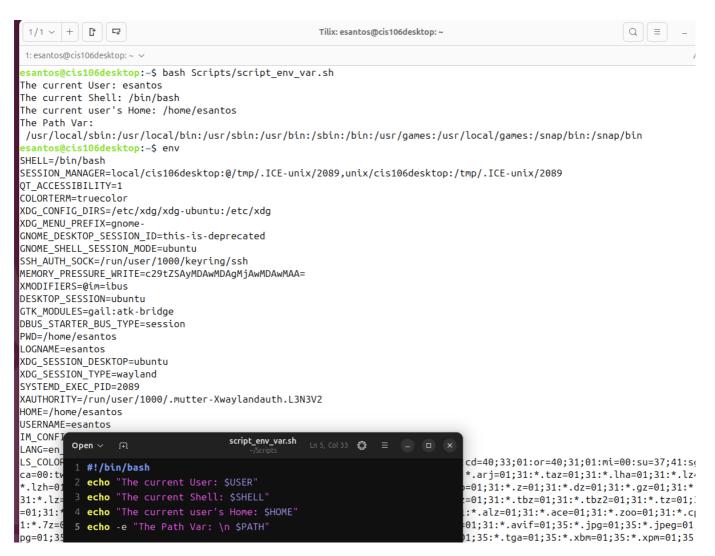
Practice 3

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1: esantos@cis106desktop: ~ ∨

esantos@cis106desktop:~$ bash Scripts/script_env_var.sh
The current User: esantos
The current Shell: /bin/bash
The current user's Home: /home/esantos
The Path Var:
 /usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin:/snap/bin
esantos@cis106desktop:~$ env
SHELL=/bin/bash
SESSION_MANAGER=local/cis106desktop:@/tmp/.ICE-unix/2089,unix/cis106desktop:/tmp/.ICE-unix/2089
QT_ACCESSIBILITY=1
COLORTERM=truecolor
XDG_CONFIG_DIRS=/etc/xdg/xdg-ubuntu:/etc/xdg
XDG_MENU_PREFIX=gnome-
GNOME_DESKTOP_SESSION_ID=this-is-deprecated
GNOME_SHELL_SESSION_MODE=ubuntu
SSH_AUTH_SOCK=/run/user/1000/keyring/ssh
MEMORY_PRESSURE_WRITE=c29tZSAyMDAwMDAgMjAwMDAwMAA=
XMODIFIERS=@im=ibus
DESKTOP_SESSION=ubuntu
GTK_MODULES=gail:atk-bridge
DBUS_STARTER_BUS_TYPE=session
PWD=/home/esantos
LOGNAME=esantos
XDG_SESSION_DESKTOP=ubuntu
XDG_SESSION_TYPE=wayland
SYSTEMD_EXEC_PID=2089
XAUTHORITY=/run/user/1000/.mutter-Xwaylandauth.L3N3V2
HOME=/home/esantos
USERNAME=esantos
IM_CONFI
LANG=en_
LS_COLOR                                                             cd=40;33;01:or=40;31;01:mi=00:su=37;41:s
ca=00:tw                                                             *.arj=01;31:*.taz=01;31:*.lha=01;31:*.lz
*.lzh=01        Open ∨   ⊞      script_env_var.sh   Ln 5, Col 33 ⚙ ☰ _ ▭ ✕  =01;31:*.z=01;31:*.dz=01;31:*.gz=01;31:*
31:*.lz=                                ~/Scripts                           =01;31:*.tbz=01;31:*.tbz2=01;31:*.tz=01;
=01;31:*    1  #!/bin/bash                                           :*.alz=01;31:*.ace=01;31:*.zoo=01;31:*.c
1:*.7z=0    2  echo "The current User: $USER"                        01;31:*.avif=01;35:*.jpg=01;35:*.jpeg=01
pg=01;35    3  echo "The current Shell: $SHELL"                      01;35:*.tga=01;35:*.xbm=01;35:*.xpm=01;35
            4  echo "The current user's Home: $HOME"
            5  echo -e "The Path Var: \n $PATH"
```

Practice 4

```
esantos@cis106desktop:~$ bash Scripts/script_usr_var.sh
        Users Information
        ----------------
        Name:    Michael
        Age:     30
        Email:   mike@email.com
        Phone:   987-202-1234
esantos@cis106desktop:~$ ▯
```

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Open ∨    ⌷⁺              • script_usr_var.sh        Ln 2, Col 15   ⚙  ≡  —  ▢  ✕
                                  ~/

 1  #!/bin/bash
 2  name="Michael"
 3  age=30
 4  email="mike@email.com"
 5  phone="987-202-1234"
 6
 7  echo -e "\tUsers Information"
 8  echo -e "\t----------------"
 9  echo -e "\tName: \t$name"
10  echo -e "\tAge: \t$age"
11  echo -e "\tEmail: \t$email"
12  echo -e "\tPhone: \t$phone"
```