

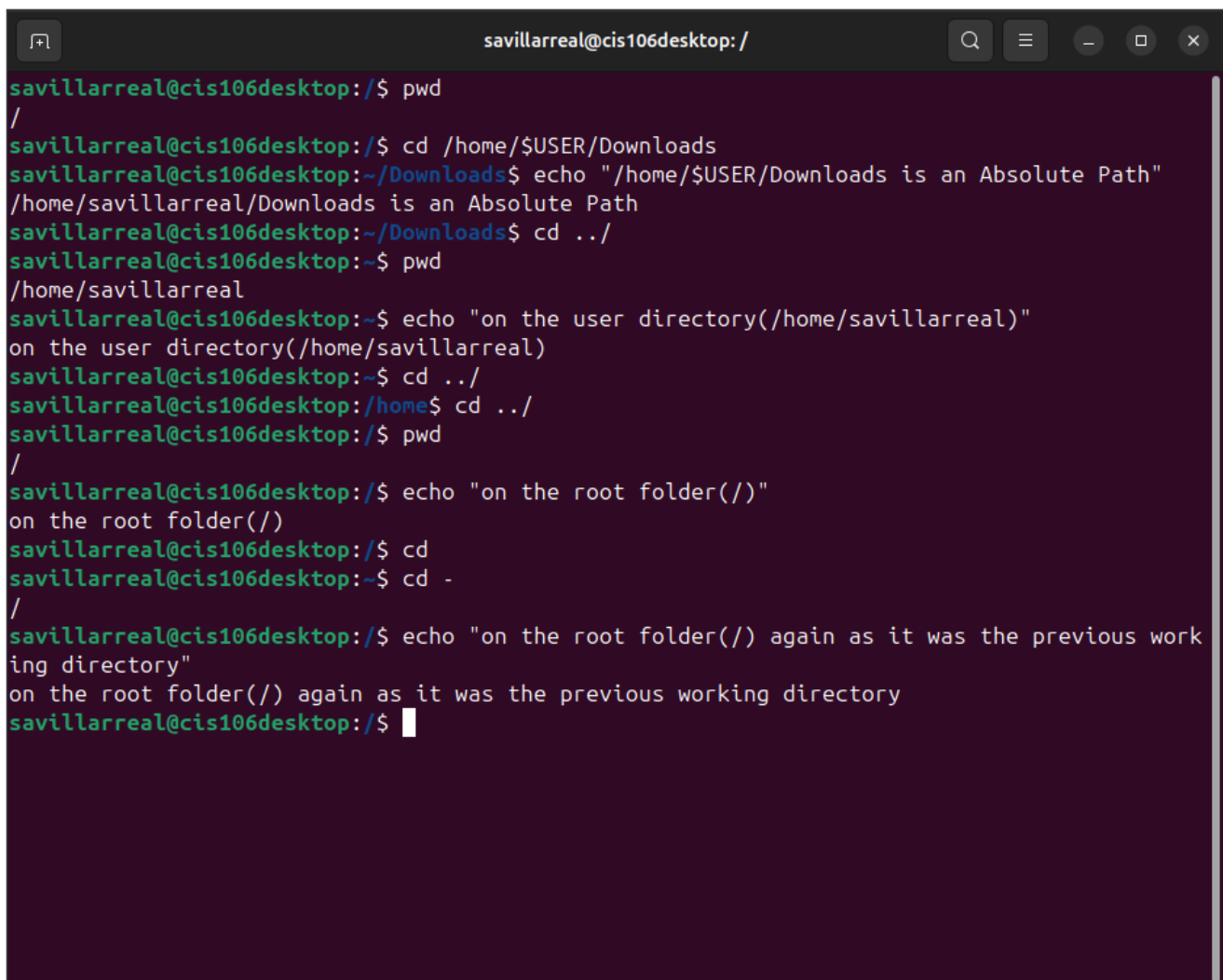
Week Report 4

Completed work for week 4

- [Lab4](#)
 - [Notes4](#)
-

Practice

Practice 1



```
savillarreal@cis106desktop: /
savillarreal@cis106desktop:/$ pwd
/
savillarreal@cis106desktop:/$ cd /home/$USER/Downloads
savillarreal@cis106desktop:~/Downloads$ echo "/home/$USER/Downloads is an Absolute Path"
/home/savillarreal/Downloads is an Absolute Path
savillarreal@cis106desktop:~/Downloads$ cd ../
savillarreal@cis106desktop:~$ pwd
/home/savillarreal
savillarreal@cis106desktop:~$ echo "on the user directory(/home/savillarreal)"
on the user directory(/home/savillarreal)
savillarreal@cis106desktop:~$ cd ../
savillarreal@cis106desktop:/home$ cd ../
savillarreal@cis106desktop:/$ pwd
/
savillarreal@cis106desktop:/$ echo "on the root folder(/)"
on the root folder(/)
savillarreal@cis106desktop:/$ cd
savillarreal@cis106desktop:~$ cd -
/
savillarreal@cis106desktop:/$ echo "on the root folder(/) again as it was the previous work
ing directory"
on the root folder(/) again as it was the previous working directory
savillarreal@cis106desktop:/$
```

Practice 2

```
1/1 ~ + ↵ ⌵ ⌵ ⌵
Tilix: savillarreal@cis106desktop: ~/practicles
1: savillarreal@cis106desktop: ~/practicles
savillarreal@cis106desktop:~$ wget https://cis106.com/assets/practicles.tar.xz
--2024-10-10 14:45:00-- https://cis106.com/assets/practicles.tar.xz
Resolving cis106.com (cis106.com)... 185.199.108.153
Connecting to cis106.com (cis106.com)|185.199.108.153|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2229212 (2.1M) [application/x-xz]
Saving to: 'practicles.tar.xz'

practicles.tar.xz 100%[=====] 2.12M 414KB/s in 5.3s

2024-10-10 14:45:08 (414 KB/s) - 'practicles.tar.xz' saved [2229212/2229212]

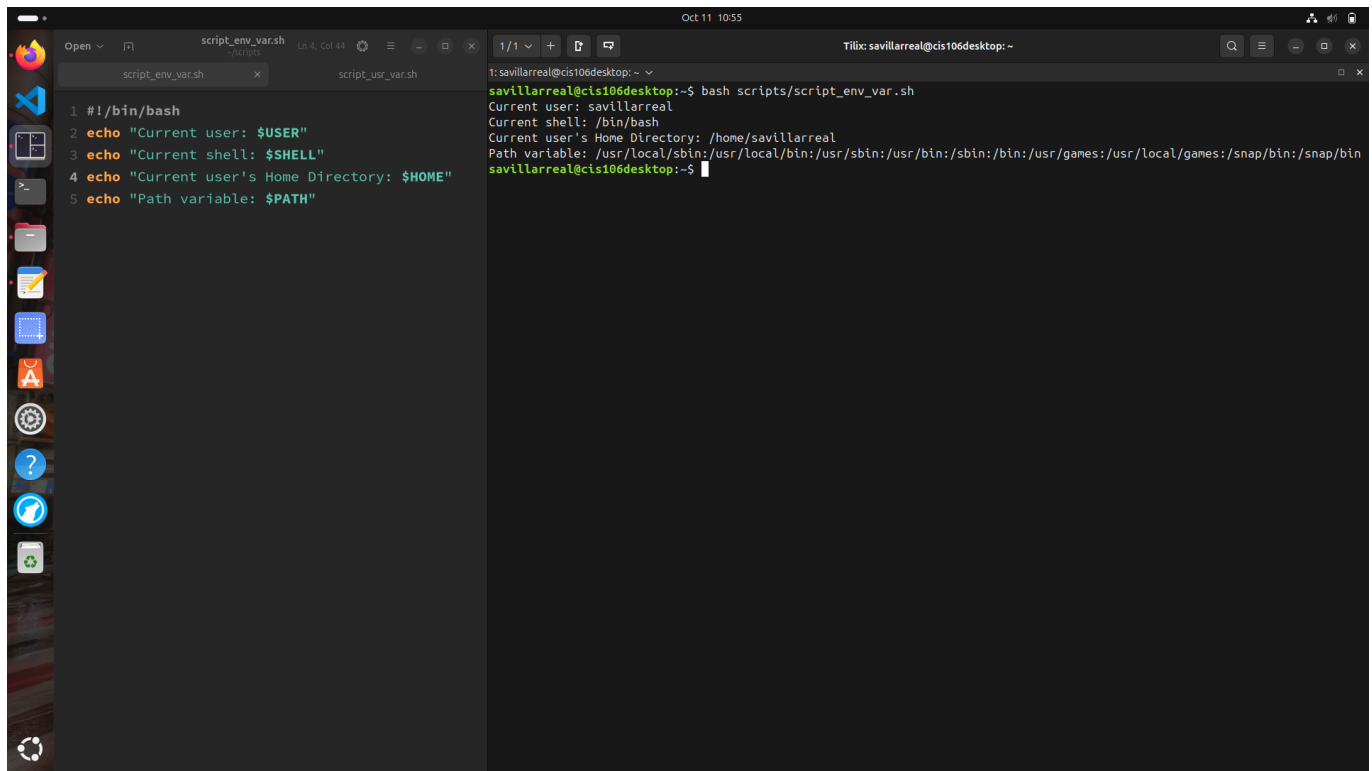
savillarreal@cis106desktop:~$ tar xjf practicles.tar.xz
savillarreal@cis106desktop:~$ cd ~/practicles/
savillarreal@cis106desktop:~/practicles$ ls
book.txt          history-debian.pdf  movie.mp4          song.mp3          tux-penguin.gif
countries.xml      homework.docx       people.csv         tux-nobg.png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

savillarreal@cis106desktop:~$ cd practicles/
savillarreal@cis106desktop:~/practicles$ ls -lt
total 2932
-rw-rw-r-- 1 savillarreal savillarreal 23972 Feb 27 2022 countries.xml
-rw-rw-r-- 1 savillarreal savillarreal 284042 Feb 27 2022 people.csv
-rw-rw-r-- 1 savillarreal savillarreal 764176 Feb 27 2022 song.mp3
-rw-rw-r-- 1 savillarreal savillarreal 1570024 Feb 27 2022 movie.mp4
-rw-rw-r-- 1 savillarreal savillarreal 163057 Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 savillarreal savillarreal 21314 Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 savillarreal savillarreal 1043 Feb 27 2022 book.txt
-rw-rw-r-- 1 savillarreal savillarreal 111303 Feb 22 2022 homework.docx
-rw-rw-r-- 1 savillarreal savillarreal 44299 Jan 31 2020 tux-penguin.gif
savillarreal@cis106desktop:~/practicles$ ls -lhGS
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
savillarreal@cis106desktop:~/practicles$ ls -mr
tux-penguin.gif, tux-nobg.png, song.mp3, people.csv, movie.mp4, homework.docx,
history-debian.pdf, countries.xml, book.txt
savillarreal@cis106desktop:~/practicles$ ls -lX
people.csv
homework.docx
tux-penguin.gif
song.mp3
movie.mp4
history-debian.pdf
tux-nobg.png
book.txt
countries.xml
savillarreal@cis106desktop:~/practicles$
```

Practice Challenge

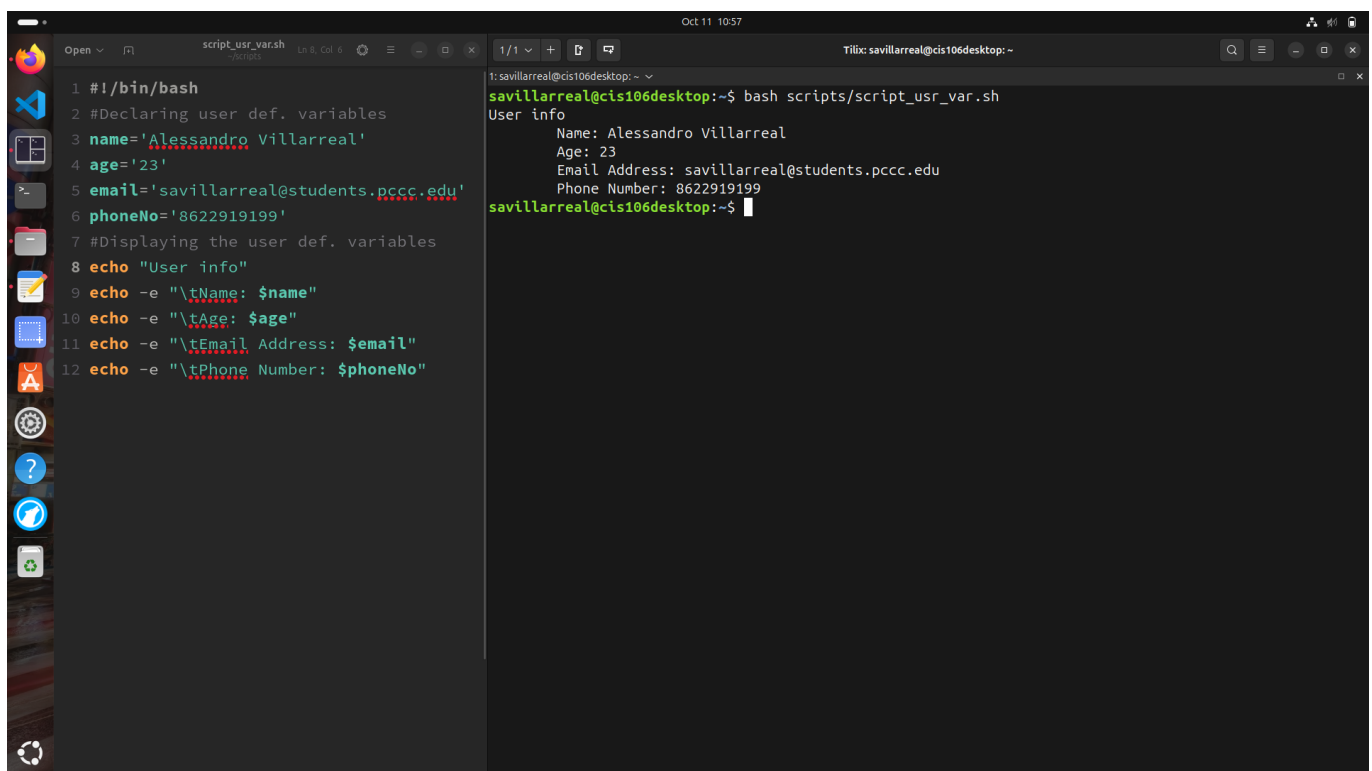
```
Tilix: savillarreal@cis106desktop:/usr$  
1: savillarreal@cis106desktop:/usr$ cd  
savillarreal@cis106desktop:~$ pwd  
/home/savillarreal  
savillarreal@cis106desktop:~$ cd  
savillarreal@cis106desktop:~$ cd /  
savillarreal@cis106desktop:/$ cd usr/share/themes/  
  
savillarreal@cis106desktop:/usr/share/themes$ cd ../..  
savillarreal@cis106desktop:/usr$ ls -la  
  
.          .dotnet      Pictures    .vboxclient-clipboard-tty2-control.pid  
..         Downloads   .pki       .vboxclient-clipboard-tty2-service.pid  
.bash_history file_name.sh practicels .vboxclient-draganddrop-tty2-control.pid  
.bash_logout .fonts        practicels.tar.xz .vboxclient-hostversion-tty2-control.pid  
.bashrc      .gitconfig    .profile   .vboxclient-lessless-tty2-control.pid  
.bastetrc    .gnupg        Public     .vboxclient-vmsvga-session-tty2-control.pid  
.cache       .lessshst     scripts    .vboxclient-vmsvga-session-tty2-service.pid  
cis106       .lgames       snap       Videos  
.config      .librewolf    .ssh       .vininfo  
Desktop     .local        .sudo_as_admin_successful .vscode  
Documents   Music         Templates  .wget-hsts  
  
savillarreal@cis106desktop:/usr$ ls -lh  
  
total 2.2M  
drwxrwxr-x 7 savillarreal savillarreal 4.0K Oct 11 09:19 cis106  
drwxr-xr-x 2 savillarreal savillarreal 4.0K Oct 9 18:55 Desktop  
drwxr-xr-x 2 savillarreal savillarreal 4.0K Sep 21 22:19 Documents  
drwxr-xr-x 2 savillarreal savillarreal 4.0K Oct 4 21:23 Downloads  
-rw-rw-r-- 1 savillarreal savillarreal 131 Oct 4 13:43 file_name.sh  
drwxr-xr-x 2 savillarreal savillarreal 4.0K Sep 21 18:13 Music  
drwxr-xr-x 3 savillarreal savillarreal 4.0K Oct 9 22:22 Pictures  
drwxrwxr-x 2 savillarreal savillarreal 4.0K Feb 27 2022 practicels  
-rw-rw-r-- 1 savillarreal savillarreal 2.2M Oct 8 21:57 practicels.tar.xz  
drwxr-xr-x 2 savillarreal savillarreal 4.0K Sep 21 18:13 Public  
drwxrwxr-x 2 savillarreal savillarreal 4.0K Oct 4 14:45 scripts  
dwx----- 7 savillarreal savillarreal 4.0K Oct 4 21:55 snap  
drwxr-xr-x 2 savillarreal savillarreal 4.0K Sep 21 18:13 Templates  
drwxr-xr-x 2 savillarreal savillarreal 4.0K Sep 21 18:13 Videos  
  
savillarreal@cis106desktop:/usr$
```

Practice 3



```
1: savillarreal@cis106desktop: ~  
savillarreal@cis106desktop:~$ bash scripts/script_env_var.sh  
Current user: savillarreal  
Current shell: /bin/bash  
Current user's Home Directory: /home/savillarreal  
Path variable: /usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin  
savillarreal@cis106desktop:~$
```

Practice 4



```
1: savillarreal@cis106desktop: ~  
savillarreal@cis106desktop:~$ bash scripts/script_usr_var.sh  
User info  
Name: Alessandro Villarreal  
Age: 23  
Email Address: savillarreal@students.pccc.edu  
Phone Number: 8622919199  
savillarreal@cis106desktop:~$
```