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Name: Prisha Rana

Assignment: week report 4

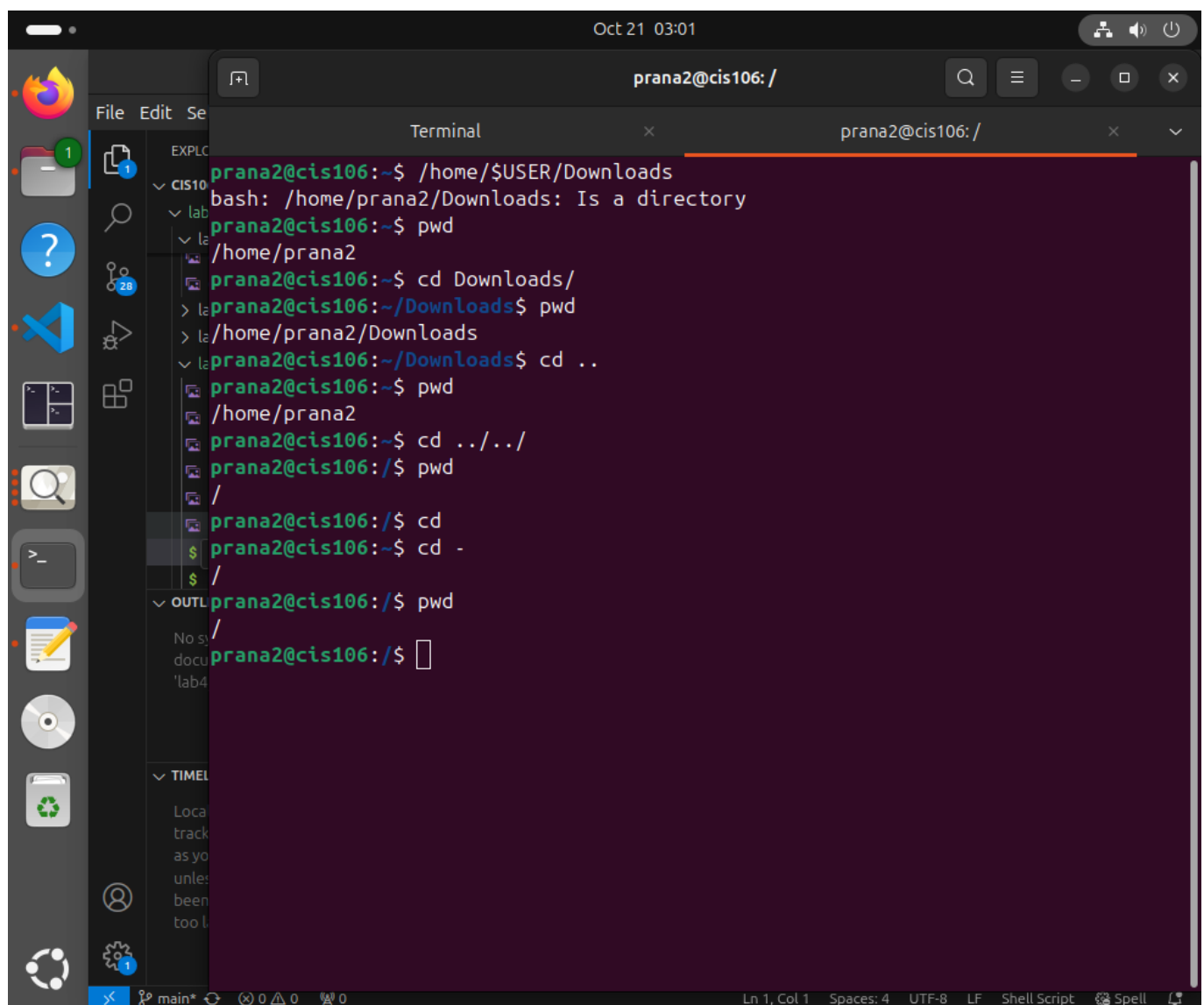
Course: cis106

Semester: fall 24

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## WEEK REPORT 4

### Practice 1



```
prana2@cis106: /  
prana2@cis106:~$ /home/$USER/Downloads  
bash: /home/prana2/Downloads: Is a directory  
prana2@cis106:~$ pwd  
/home/prana2  
prana2@cis106:~$ cd Downloads/  
prana2@cis106:~/Downloads$ pwd  
/home/prana2/Downloads  
prana2@cis106:~/Downloads$ cd ..  
prana2@cis106:~$ pwd  
/home/prana2  
prana2@cis106:~$ cd ../../  
prana2@cis106:/$ pwd  
/  
prana2@cis106:/$ cd  
prana2@cis106:~$ cd -  
/  
prana2@cis106:/$ pwd  
/  
prana2@cis106:/$
```

### Practice 2



```
Oct 22 23:09
Tilix: prana2@cis106: ~/practicels

1: prana2@cis106: ~/practicels
prana2@cis106:~$ wget https://cis106.com/assets/practicels.tar.xz
--2024-10-22 23:05:37-- https://cis106.com/assets/practicels.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: 'practicels.tar.xz'

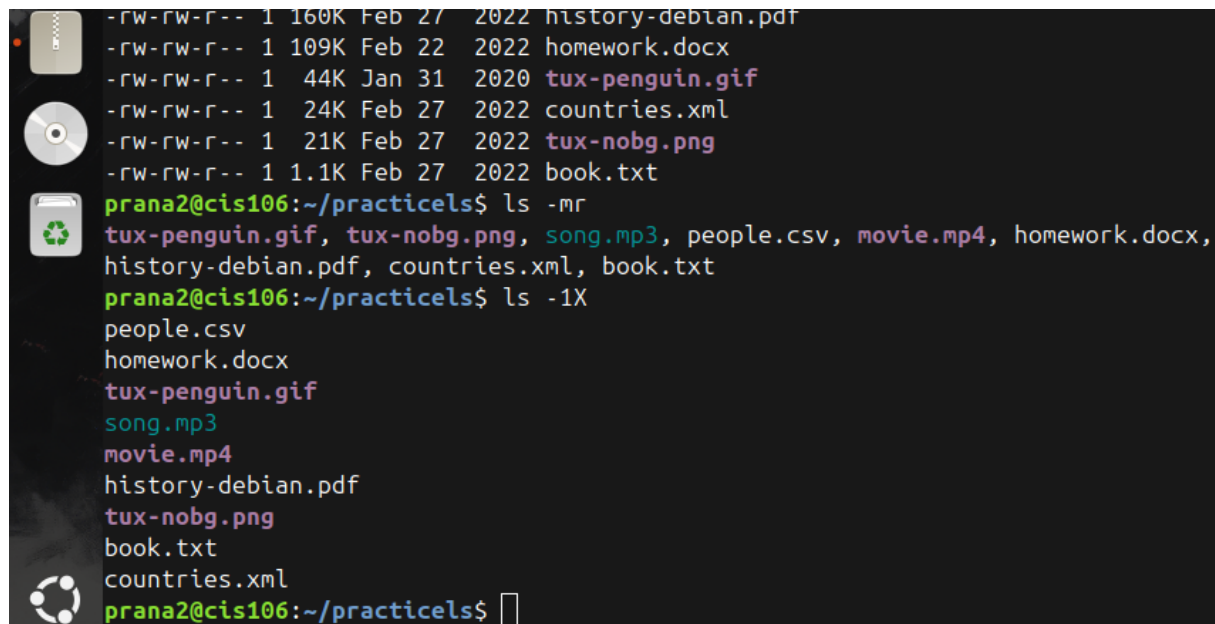
practicels.tar.xz  100%[=====] 2.12M  1.54MB/s  in 1.4s

2024-10-22 23:05:39 (1.54 MB/s) - 'practicels.tar.xz' saved [2229212/2229212]

prana2@cis106:~$ tar Jxf practicels.tar.xz
prana2@cis106:~$ cd practicels/
prana2@cis106:~/practicels$ ls
book.txt      history-debian.pdf  movie.mp4  song.mp3  tux-penguin.gif
countries.xml homework.docx       people.csv tux-nobg.png
prana2@cis106:~/practicels$ ls -a
.      countries.xml  movie.mp4  tux-nobg.png
..     history-debian.pdf  people.csv tux-penguin.gif
book.txt homework.docx  song.mp3
prana2@cis106:~/practicels$ ls -l
total 2932
-rw-rw-r-- 1 prana2 prana2 1043 Feb 27 2022 book.txt
-rw-rw-r-- 1 prana2 prana2 23972 Feb 27 2022 countries.xml
-rw-rw-r-- 1 prana2 prana2 163057 Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 prana2 prana2 111303 Feb 22 2022 homework.docx
-rw-rw-r-- 1 prana2 prana2 1570024 Feb 27 2022 movie.mp4
-rw-rw-r-- 1 prana2 prana2 284042 Feb 27 2022 people.csv
-rw-rw-r-- 1 prana2 prana2 764176 Feb 27 2022 song.mp3
-rw-rw-r-- 1 prana2 prana2 21314 Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 prana2 prana2 44299 Jan 31 2020 tux-penguin.gif
prana2@cis106:~/practicels$ ls -lh
total 2.9M
-rw-rw-r-- 1 prana2 prana2 1.1K Feb 27 2022 book.txt
-rw-rw-r-- 1 prana2 prana2 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 prana2 prana2 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 prana2 prana2 109K Feb 22 2022 homework.docx
```

```
Oct 22 23:09
Tilix: prana2@cis106: ~/practicels

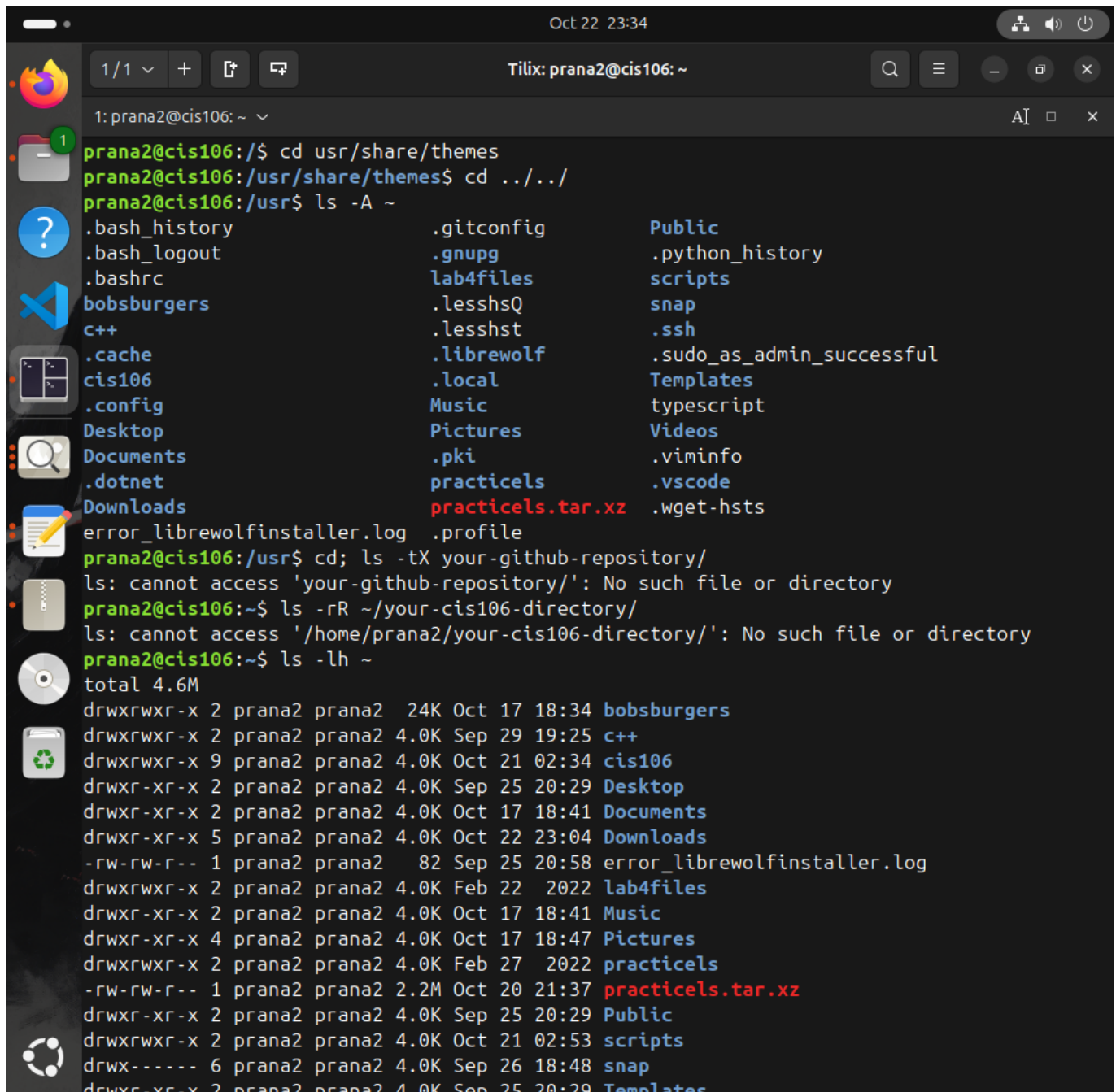
1: prana2@cis106: ~/practicels
-rw-rw-r-- 1 prana2 prana2 44K Jan 31 2020 tux-penguin.gif
prana2@cis106:~/practicels$ ls -lht
total 2.9M
-rw-rw-r-- 1 prana2 prana2 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 prana2 prana2 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 prana2 prana2 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 prana2 prana2 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 prana2 prana2 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 prana2 prana2 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 prana2 prana2 1.1K Feb 27 2022 book.txt
-rw-rw-r-- 1 prana2 prana2 109K Feb 22 2022 homework.docx
-rw-rw-r-- 1 prana2 prana2 44K Jan 31 2020 tux-penguin.gif
prana2@cis106:~/practicels$ 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

prana2@cis106:~/practicels$ ls -mr
tux-penguin.gif, tux-nobg.png, song.mp3, people.csv, movie.mp4, homework.docx,
history-debian.pdf, countries.xml, book.txt
prana2@cis106:~/practicels$ ls -lX
people.csv
homework.docx
tux-penguin.gif
song.mp3
movie.mp4
history-debian.pdf
tux-nobg.png
book.txt
countries.xml
prana2@cis106:~/practicels$
```

challenge Practice



```

Oct 22 23:34
Tilix: prana2@cis106: ~
1: prana2@cis106: ~
prana2@cis106:/$ cd usr/share/themes
prana2@cis106:/usr/share/themes$ cd ../../
prana2@cis106:/usr$ ls -A ~
.bash_history      .gitconfig        Public
.bash_logout      .gnupg            .python_history
.bashrc            lab4files         scripts
bobsburgers       .lesshtp         snap
c++                .lessht           .ssh
.cache             .librewolf        .sudo_as_admin_successful
cis106             .local            Templates
.config            Music              typescript
Desktop            Pictures           Videos
Documents          .pki              .viminfo
.dotnet            practicels         .vscode
Downloads          practicels.tar.xz .wget-hsts
error_librewolfinstaller.log .profile
prana2@cis106:/usr$ cd; ls -tX your-github-repository/
ls: cannot access 'your-github-repository/': No such file or directory
prana2@cis106:~$ ls -rR ~/your-cis106-directory/
ls: cannot access '/home/prana2/your-cis106-directory/': No such file or directory
prana2@cis106:~$ ls -lh ~
total 4.6M
drwxrwxr-x 2 prana2 prana2 24K Oct 17 18:34 bobsburgers
drwxrwxr-x 2 prana2 prana2 4.0K Sep 29 19:25 c++
drwxrwxr-x 9 prana2 prana2 4.0K Oct 21 02:34 cis106
drwxr-xr-x 2 prana2 prana2 4.0K Sep 25 20:29 Desktop
drwxr-xr-x 2 prana2 prana2 4.0K Oct 17 18:41 Documents
drwxr-xr-x 5 prana2 prana2 4.0K Oct 22 23:04 Downloads
-rw-rw-r-- 1 prana2 prana2 82 Sep 25 20:58 error_librewolfinstaller.log
drwxrwxr-x 2 prana2 prana2 4.0K Feb 22 2022 lab4files
drwxr-xr-x 2 prana2 prana2 4.0K Oct 17 18:41 Music
drwxr-xr-x 4 prana2 prana2 4.0K Oct 17 18:47 Pictures
drwxrwxr-x 2 prana2 prana2 4.0K Feb 27 2022 practicels
-rw-rw-r-- 1 prana2 prana2 2.2M Oct 20 21:37 practicels.tar.xz
drwxr-xr-x 2 prana2 prana2 4.0K Sep 25 20:29 Public
drwxrwxr-x 2 prana2 prana2 4.0K Oct 21 02:53 scripts
drwx----- 6 prana2 prana2 4.0K Sep 26 18:48 snap
drwxr-xr-x 2 prana2 prana2 4.0K Sep 25 20:29 Templates

```

## Practice 3

```
1 #!/bin/bash
2 echo "The current user: $USER "
3 echo "the current shell: $SHELL "
4 echo "the current users home directory absolute path:$HOME "
5 echo -e "The path var: \n $PATH "
```

```
1: prana2@cis106: ~ ▾
prana2@cis106:~$ bash scripts
scripts: scripts: Is a directory
prana2@cis106:~$ bash scripts/shell_variable_wr4.sh
The current user: prana2
the current shell: /bin/bash
the current users home directory absolute path:/home/prana2
The path var:
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin:/snap/bin
prana2@cis106:~$
```