

Week Reports

Answer these questions

What are Command Options? : Options are commands that modify/enhance the commands behavior

What are Command Arguments? : Items that the commands act on.

Which command is used for creating directories? Provide at least 3 examples. : mkdir - mkdir home/Punchas - mkdir ~/home/Punchas - mkdir home/"Punchas"

What does the touch command do? Provide at least 3 examples. Create files - touch list - touch ~/Downloads/games.txt - touch "list of foods.txt"

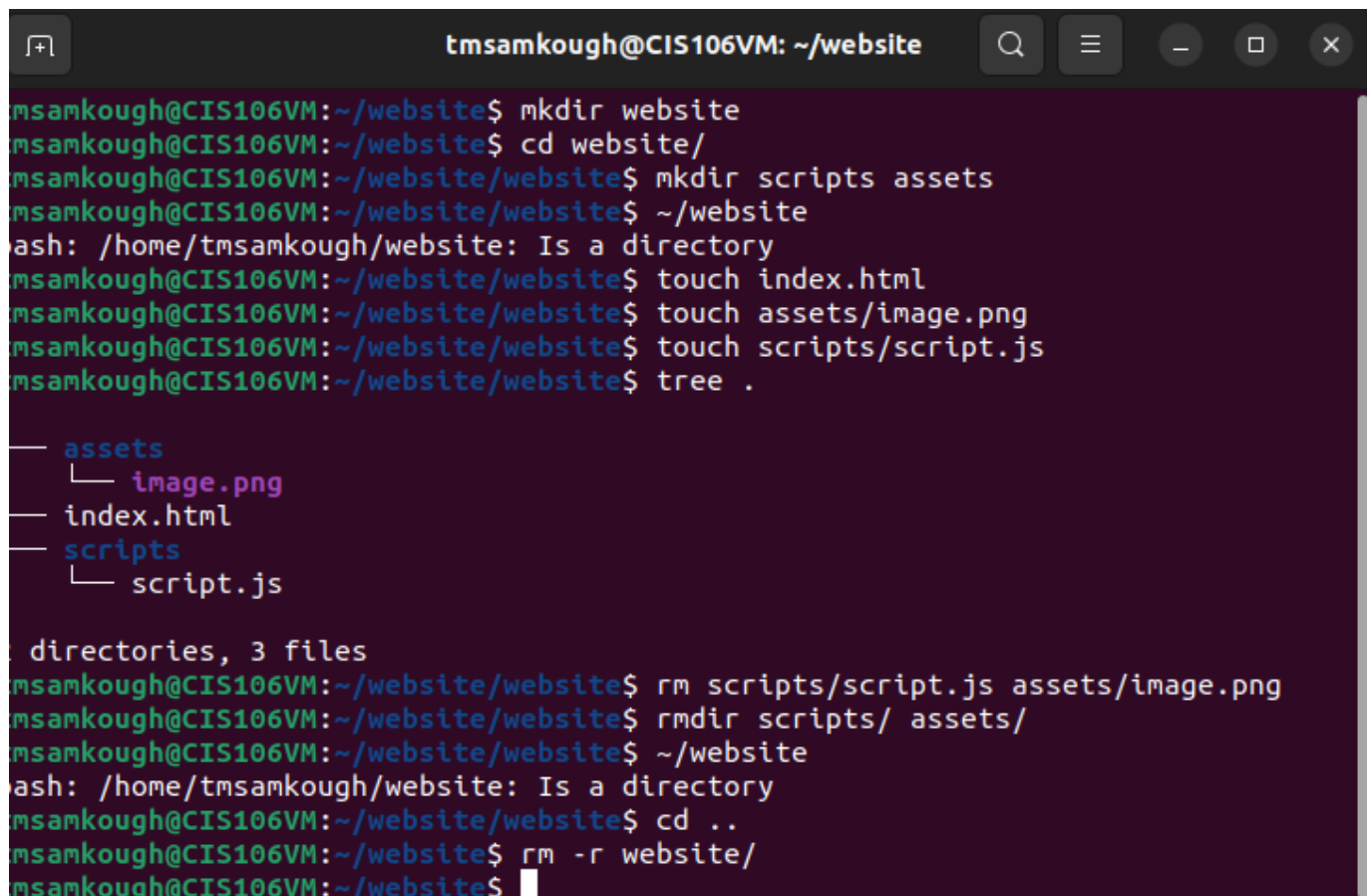
How do you remove a file? Provide an example. rm - rm Punchas

How do you remove a directory and can you remove non-empty directories in Linux? Provide an example -rm -rm Pinkes

Explain the mv and cp command. Provide at least 2 examples of each : mv moves and renames directories - mv Downloads/homework.pdf Documents/ - sudo mv ~/Downloads/theme/usr/share/themes. cp copies files/directories from a source to a destination - cp Downloads/wallpapers.zip Pictures/ - cp -r ~/Downloads/wallpapers ~/Pictures/

Practice Questions

Question 1



```
tmsamkough@CIS106VM: ~/website

msamkough@CIS106VM:~/website$ mkdir website
msamkough@CIS106VM:~/website$ cd website/
msamkough@CIS106VM:~/website/website$ mkdir scripts assets
msamkough@CIS106VM:~/website/website$ ~/website
ash: /home/tmsamkough/website: Is a directory
msamkough@CIS106VM:~/website/website$ touch index.html
msamkough@CIS106VM:~/website/website$ touch assets/image.png
msamkough@CIS106VM:~/website/website$ touch scripts/script.js
msamkough@CIS106VM:~/website/website$ tree .

.
├── assets
│   └── image.png
├── index.html
└── scripts
    └── script.js

3 directories, 3 files
msamkough@CIS106VM:~/website/website$ rm scripts/script.js assets/image.png
msamkough@CIS106VM:~/website/website$ rmdir scripts/ assets/
msamkough@CIS106VM:~/website/website$ ~/website
ash: /home/tmsamkough/website: Is a directory
msamkough@CIS106VM:~/website/website$ cd ..
msamkough@CIS106VM:~/website$ rm -r website/
msamkough@CIS106VM:~/website$
```

Question 2

```
tmsamkough@CIS106VM: /usr/share
tmsamkough@CIS106VM:/usr/share$ cd /usr/share/
tmsamkough@CIS106VM:/usr/share$ mkdir ~/website
mkdir: cannot create directory '/home/tmsamkough/website': File exists
tmsamkough@CIS106VM:/usr/share$ mkdir -p ~/website/assets/images/small
tmsamkough@CIS106VM:/usr/share$ touch ~/website/assets/image/small/logo.png
touch: cannot touch '/home/tmsamkough/website/assets/image/small/logo.png': No such file or directory
tmsamkough@CIS106VM:/usr/share$ rm ~/website/assets/images/small/logo.png
rm: cannot remove '/home/tmsamkough/website/assets/images/small/logo.png': No such file or directory
tmsamkough@CIS106VM:/usr/share$ rm- -r ~/website/
Command 'rm-' not found, did you mean:
  command 'rme' from deb pvm-examples (3.4.6-3.2)
  command 'rm' from deb coreutils (8.32-4.1ubuntu1)
  command 'rmf' from deb mailutils-mh (1:3.14-1)
  command 'rmf' from deb mmh (0.4-4)
  command 'rmf' from deb nmh (1.7.1-11)
  command 'rmm' from deb mailutils-mh (1:3.14-1)
  command 'rmm' from deb mmh (0.4-4)
  command 'rmm' from deb nmh (1.7.1-11)
  command 'rmt' from deb tar (1.34+dfsg-1ubuntu0.1.22.04.1)
  command 'rmt' from deb dump (0.4b47-3)
Try: sudo apt install <deb name>
tmsamkough@CIS106VM:/usr/share$ rm -r ~/website/
```

Question 3

```
tmsamkough@CIS106VM: /usr/share
tmsamkough@CIS106VM:/usr/share$ mkdir -p website/assets
mkdir: cannot create directory 'website': Permission denied
tmsamkough@CIS106VM:/usr/share$ sudo mkdir -p website/assets
[sudo] password for tmsamkough:
tmsamkough@CIS106VM:/usr/share$ curl http://cis106.com/assets/samplesite.txt -o
~o ~/website/index.html
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload  Total   Spent    Left   Speed
  0     0     0     0     0     0      0      0  --:--:--  --:--:--  --:--:--    0W
Warning: Failed to create the file ~o: Permission denied
100  162  100  162     0     0   2304      0  --:--:--  --:--:--  --:--:--  2314
curl: (23) Failure writing output to destination
curl: (3) URL using bad/illegal format or missing URL
tmsamkough@CIS106VM:/usr/share$ mv Downloads/pexels-
mv: missing destination file operand after 'Downloads/pexels-'
Try 'mv --help' for more information.
tmsamkough@CIS106VM:/usr/share$ mv Downloads/pexels-photo-8375591.k[eg website/a
assets/
mv: cannot stat 'Downloads/pexels-photo-8375591.k[eg': No such file or directory
tmsamkough@CIS106VM:/usr/share$
```

Question 4

```
tmsamkough@CIS106VM: /usr/share
tmsamkough@CIS106VM:/usr/share$ mkdir website/docs
mkdir: cannot create directory 'website/docs': Permission denied
tmsamkough@CIS106VM:/usr/share$ sudo mkdir website/docs
[sudo] password for tmsamkough:
tmsamkough@CIS106VM:/usr/share$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
tmsamkough@CIS106VM:/usr/share$ Downloads/sample1.jpeg website/docs
bash: Downloads/sample1.jpeg: No such file or directory
tmsamkough@CIS106VM:/usr/share$
```

Question 5

```
tmsamkough@CIS106VM: /usr/share
tmsamkough@CIS106VM:/usr/share$ curl -s https://cis106.com/assets/wildcardpractice.sh | bash
--2023-11-06 18:09:33-- https://cis106.com/assets/logo100x100.png
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: 3520 (3.4K) [image/png]
Saving to: 'logo100x100.png'

logo100x100.png      100%[=====>]   3.44K  ---KB/s   in 0s

2023-11-06 18:09:33 (51.0 MB/s) - 'logo100x100.png' saved [3520/3520]

tmsamkough@CIS106VM:/usr/share$ ls wildcardpractice/*random*
ls: cannot access 'wildcardpractice/*random*': No such file or directory
tmsamkough@CIS106VM:/usr/share$
```