Lab 3 | Installing software and navigating the file system | Answers

Assignment description here

Question 1

1. Which command did you use to search for the themes and to install them?

apt search software name(theme)

sudo apt install package name(yuyo-gtk-theme)

1. Which commands did you use to find and install the web browser?

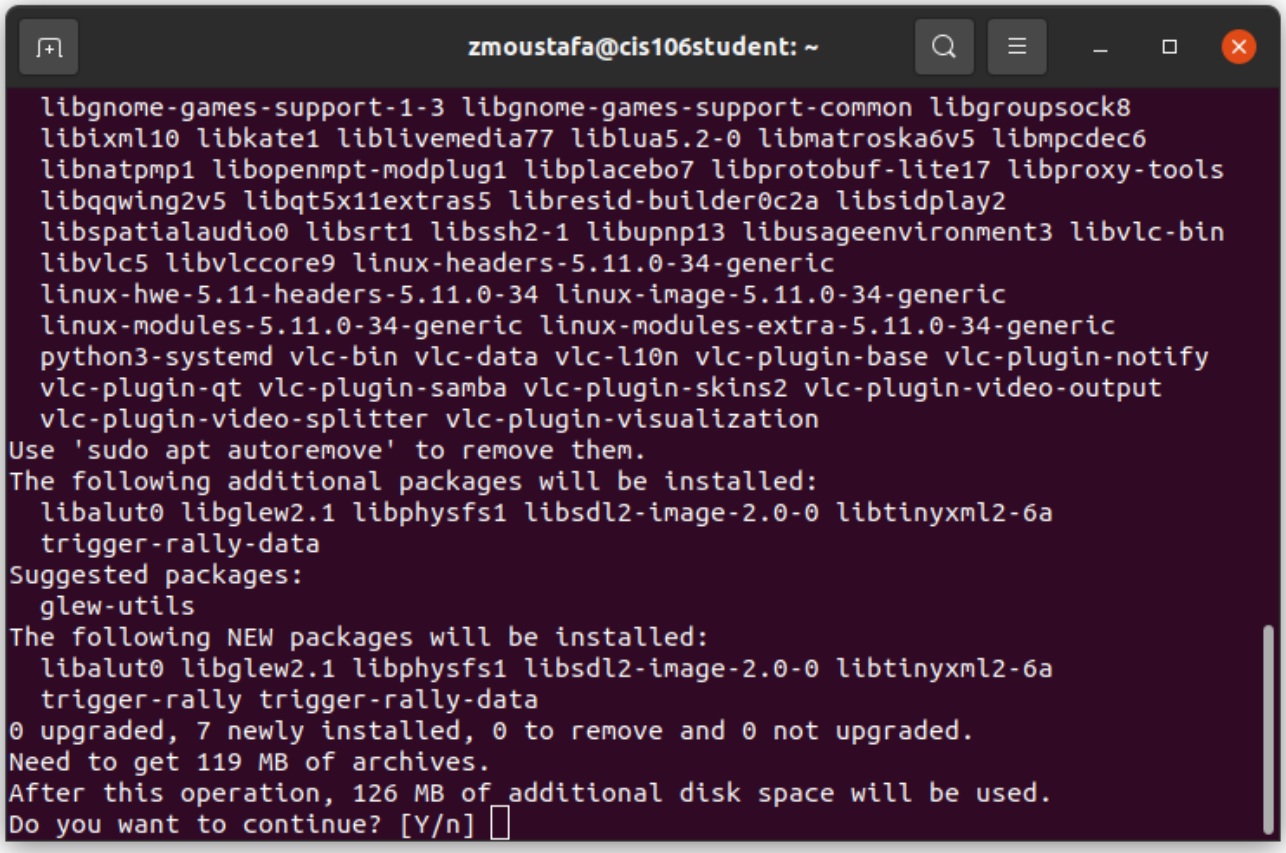
sudo apt search software name(alternative web browser)

sudo apt install package name(wikipedia2text)

3.1 What is the name of the package?

trigger-rally

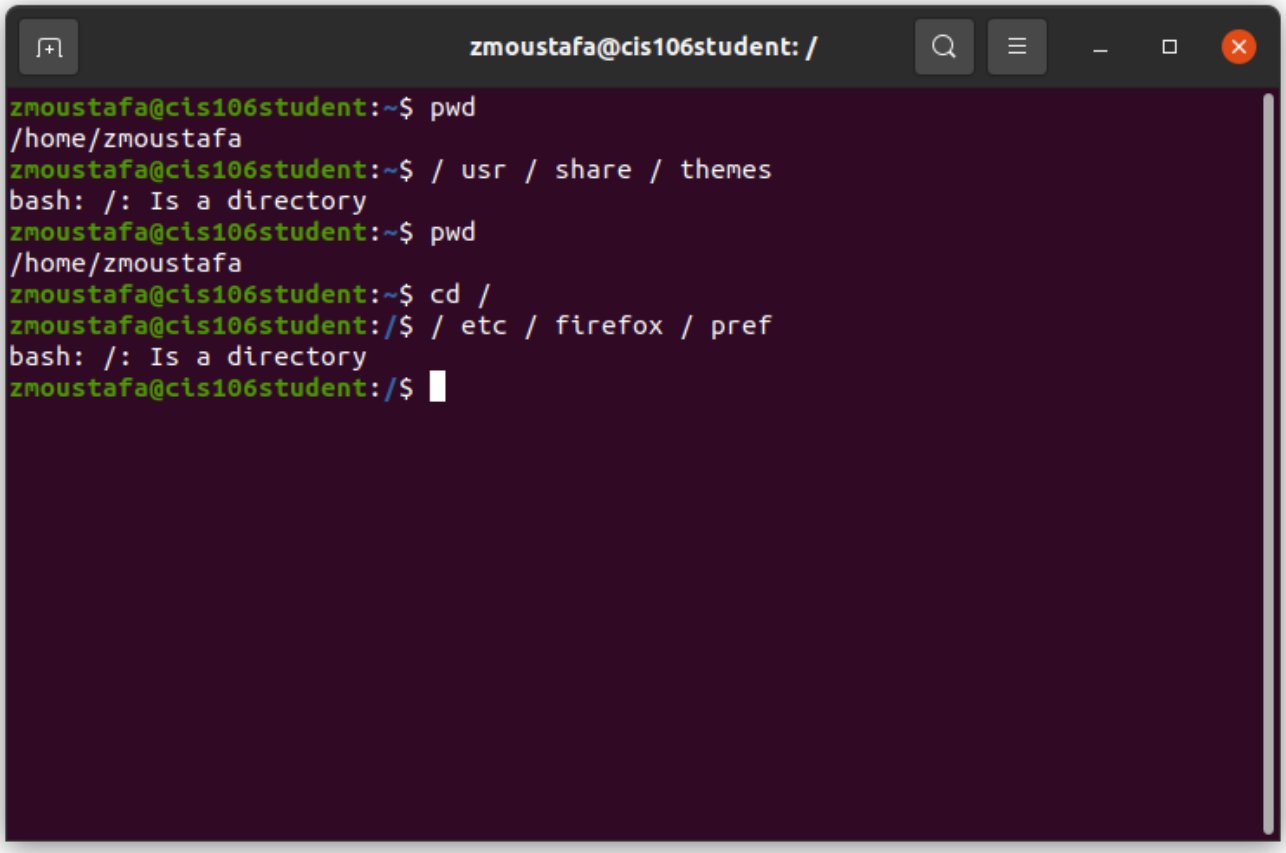
3.2 What dependencies are needed in order to install the package? (you can either take a screenshot of the terminal or copy and paste from the terminal)

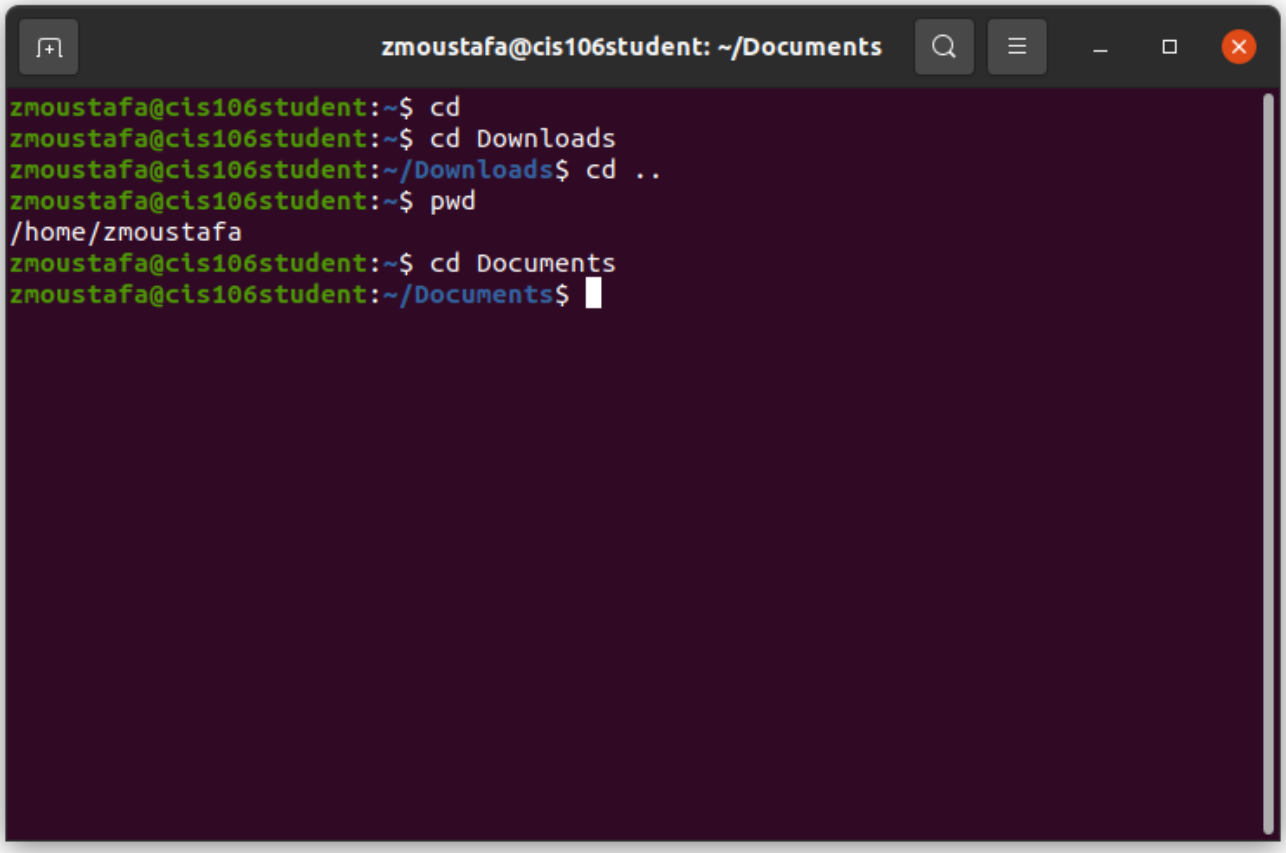


3.3 How much disk space will the package utilize after installation?

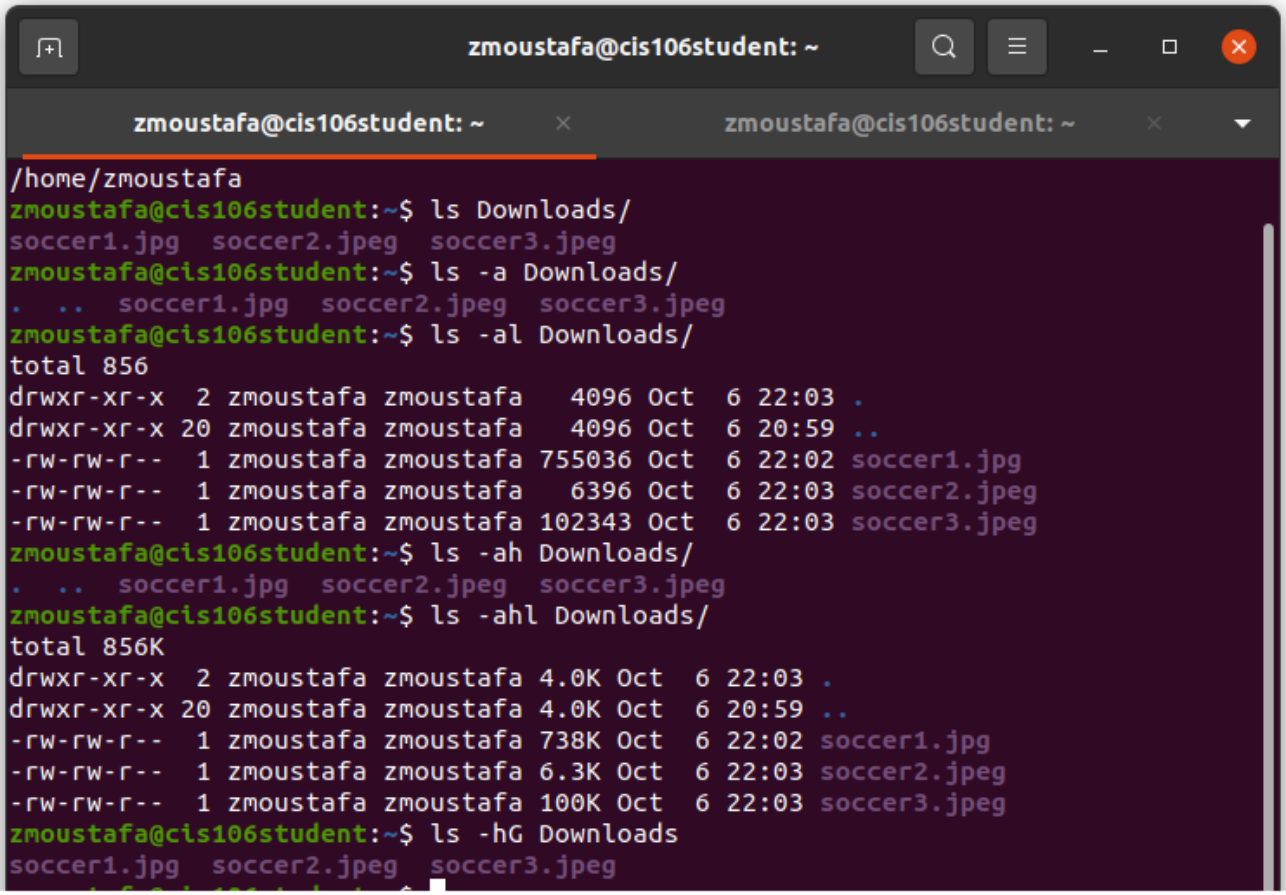
126 MB

Question 2

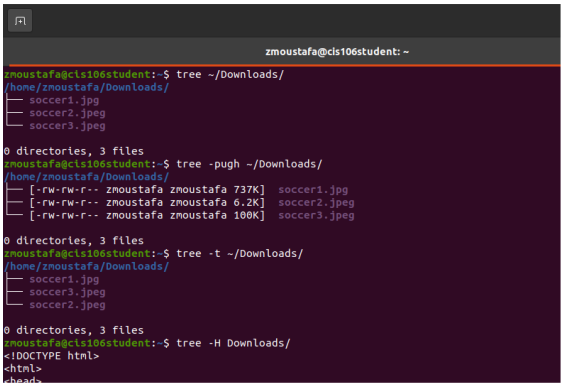


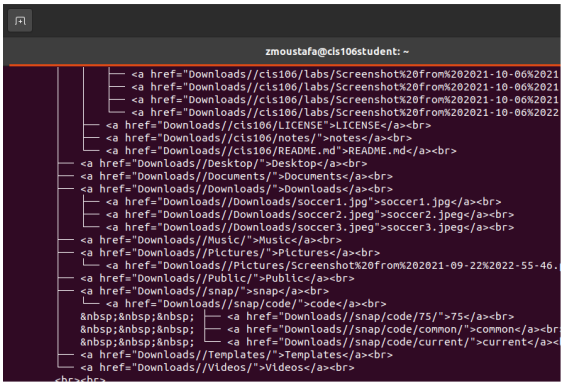

zmoustafa@cis106student: ~/Documents
zmoustafa@cis106student:~$ cd
zmoustafa@cis106student:~$ cd Downloads
zmoustafa@cis106student:~/Downloads$ cd ..
zmoustafa@cis106student:~$ pwd
/home/zmoustafa
zmoustafa@cis106student:~$ cd Documents
zmoustafa@cis106student:~/Documents$

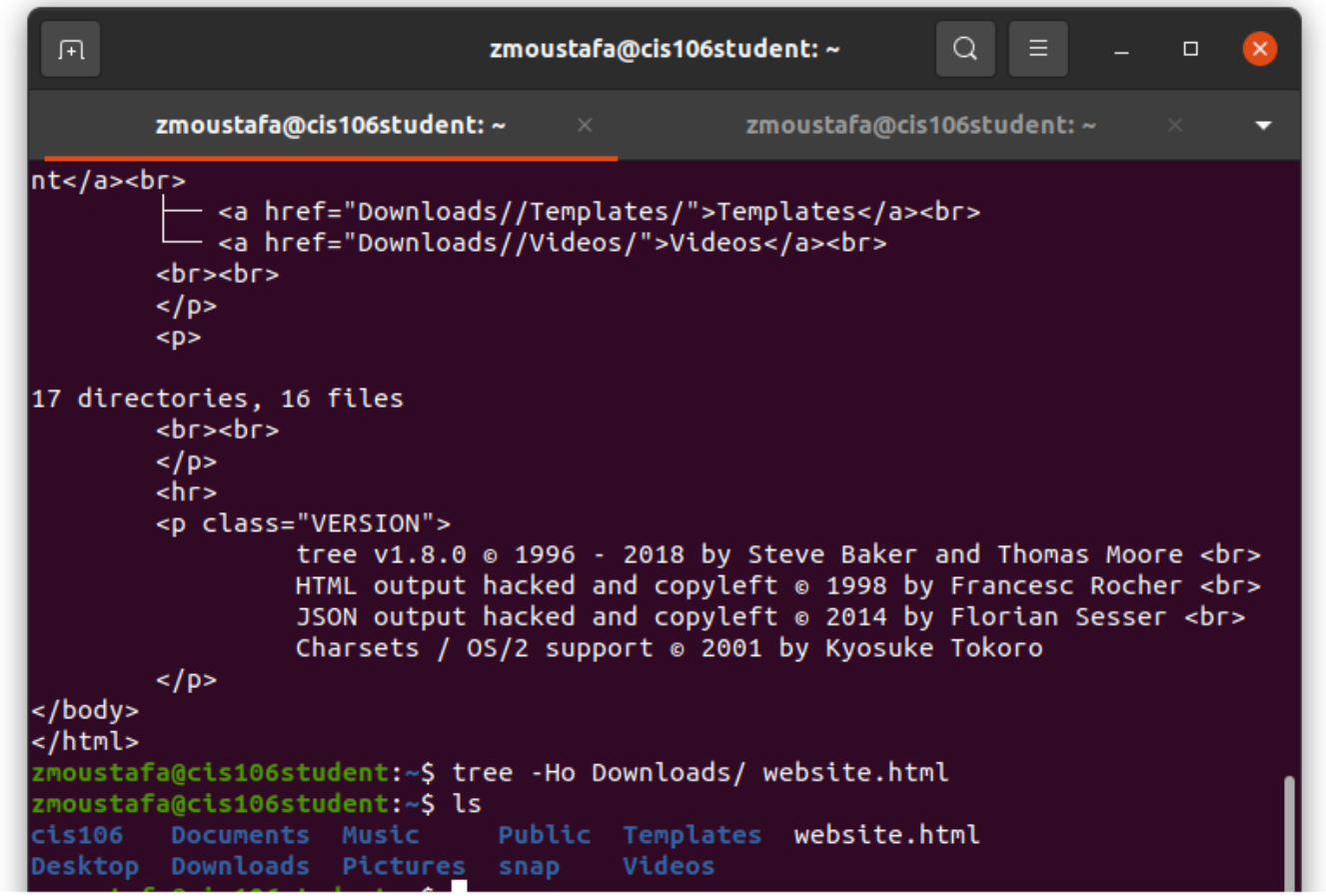
Question 3


zmoustafa@cis106student: ~
zmoustafa@cis106student: ~
zmoustafa@cis106student: ~
/home/zmoustafa
zmoustafa@cis106student:~$ ls Downloads/
soccer1.jpg soccer2.jpeg soccer3.jpeg
zmoustafa@cis106student:~$ ls -a Downloads/
. .. soccer1.jpg soccer2.jpeg soccer3.jpeg
zmoustafa@cis106student:~$ ls -al Downloads/
total 856
drwxr-xr-x 2 zmoustafa zmoustafa 4096 Oct 6 22:03 .
drwxr-xr-x 20 zmoustafa zmoustafa 4096 Oct 6 20:59 ..
-rw-rw-r-- 1 zmoustafa zmoustafa 755036 Oct 6 22:02 soccer1.jpg
-rw-rw-r-- 1 zmoustafa zmoustafa 6396 Oct 6 22:03 soccer2.jpeg
-rw-rw-r-- 1 zmoustafa zmoustafa 102343 Oct 6 22:03 soccer3.jpeg
zmoustafa@cis106student:~$ ls -ah Downloads/
. .. soccer1.jpg soccer2.jpeg soccer3.jpeg
zmoustafa@cis106student:~$ ls -ahl Downloads/
total 856K
drwxr-xr-x 2 zmoustafa zmoustafa 4.0K Oct 6 22:03 .
drwxr-xr-x 20 zmoustafa zmoustafa 4.0K Oct 6 20:59 ..
-rw-rw-r-- 1 zmoustafa zmoustafa 738K Oct 6 22:02 soccer1.jpg
-rw-rw-r-- 1 zmoustafa zmoustafa 6.3K Oct 6 22:03 soccer2.jpeg
-rw-rw-r-- 1 zmoustafa zmoustafa 100K Oct 6 22:03 soccer3.jpeg
zmoustafa@cis106student:~$ ls -hG Downloads
soccer1.jpg soccer2.jpeg soccer3.jpeg

Question 4


zmoustafa@cis106student: ~
zmoustafa@cis106student:~$ tree ~/Downloads/
/home/zmoustafa/Downloads/
├── soccer1.jpg
├── soccer2.jpeg
└── soccer3.jpeg
0 directories, 3 files
zmoustafa@cis106student:~$ tree -pugh ~/Downloads/
/home/zmoustafa/Downloads/
├── [-rw-rw-r-- zmoustafa zmoustafa 737K] soccer1.jpg
├── [-rw-rw-r-- zmoustafa zmoustafa 6.2K] soccer2.jpeg
└── [-rw-rw-r-- zmoustafa zmoustafa 100K] soccer3.jpeg
0 directories, 3 files
zmoustafa@cis106student:~$ tree -t ~/Downloads/
/home/zmoustafa/Downloads/
├── soccer1.jpg
├── soccer3.jpeg
└── soccer2.jpeg
0 directories, 3 files
zmoustafa@cis106student:~$ tree -H Downloads/
<!DOCTYPE html>
<html>


zmoustafa@cis106student: ~
<a href="Downloads//cis106/labs/Screenshot%20from%202021-10-06%2021
<a href="Downloads//cis106/labs/Screenshot%20from%202021-10-06%2021
<a href="Downloads//cis106/labs/Screenshot%20from%202021-10-06%2021
<a href="Downloads//cis106/labs/Screenshot%20from%202021-10-06%2022
<a href="Downloads//cis106/LICENSE">LICENSE</a>
<a href="Downloads//cis106/notes/">notes</a>
<a href="Downloads//cis106/README.md">README.md</a>
<a href="Downloads//Desktop/">Desktop</a>
<a href="Downloads//Documents/">Documents</a>
<a href="Downloads//Downloads/">Downloads</a>
<a href="Downloads//Downloads/soccer1.jpg">soccer1.jpg</a>
<a href="Downloads//Downloads/soccer2.jpeg">soccer2.jpeg</a>
<a href="Downloads//Downloads/soccer3.jpeg">soccer3.jpeg</a>
<a href="Downloads//Music/">Music</a>
<a href="Downloads//Pictures/">Pictures</a>
<a href="Downloads//Pictures/Screenshot%20from%202021-09-22%2022-55-46.
<a href="Downloads//Public/">Public</a>
<a href="Downloads//snap/">snap</a>
<a href="Downloads//snap/code/">code</a>
    <a href="Downloads//snap/code/75/">75</a>
    <a href="Downloads//snap/code/common/">common</a><br
    <a href="Downloads//snap/code/current/">current</a><
<a href="Downloads//Templates/">Templates</a>
<a href="Downloads//Videos/">Videos</a>


zmoustafa@cis106student: ~
zmoustafa@cis106student: ~
zmoustafa@cis106student: ~
nt</a>
├── <a href="Downloads//Templates/">Templates</a>
└── <a href="Downloads//Videos/">Videos</a>

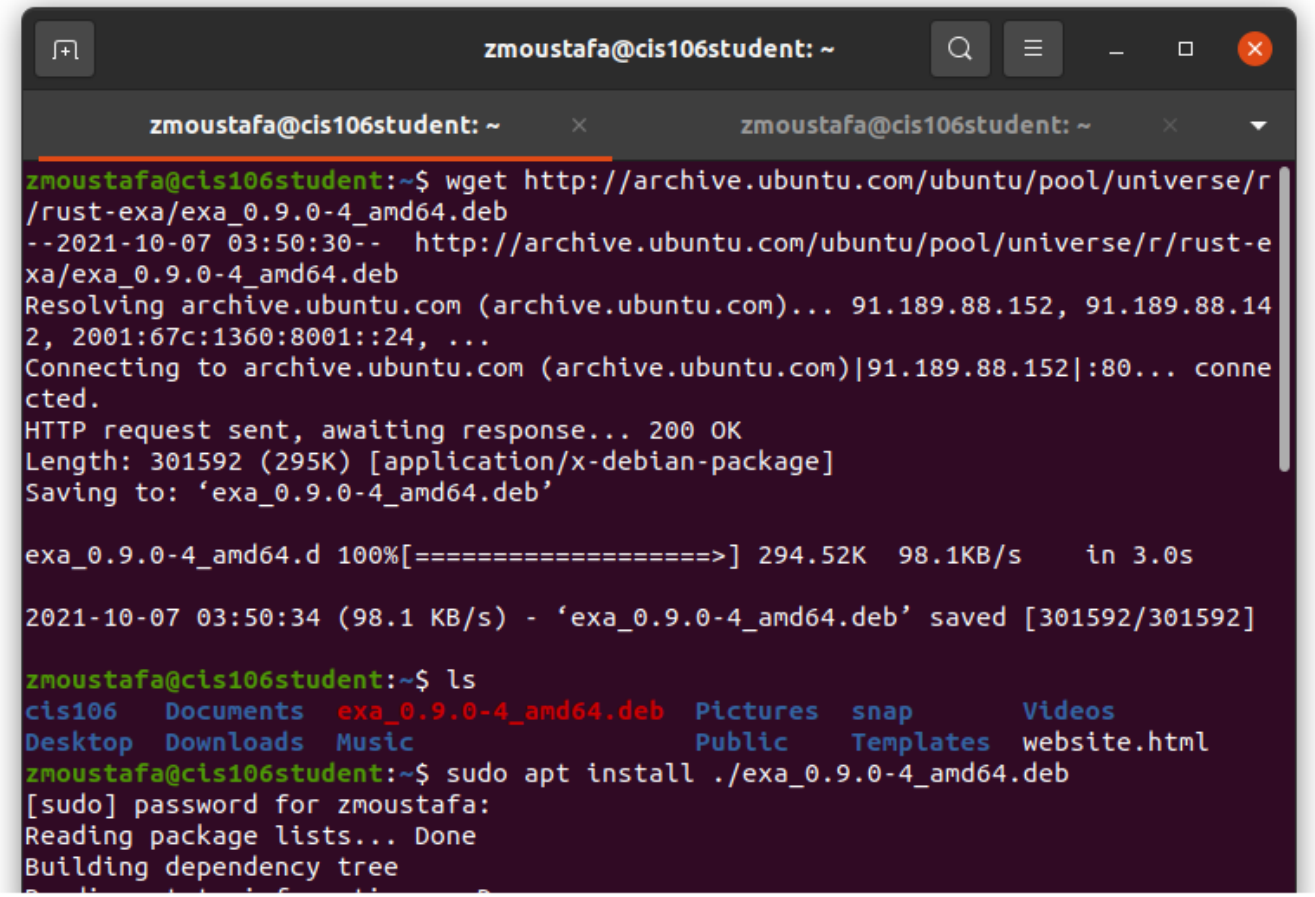
17 directories, 16 files

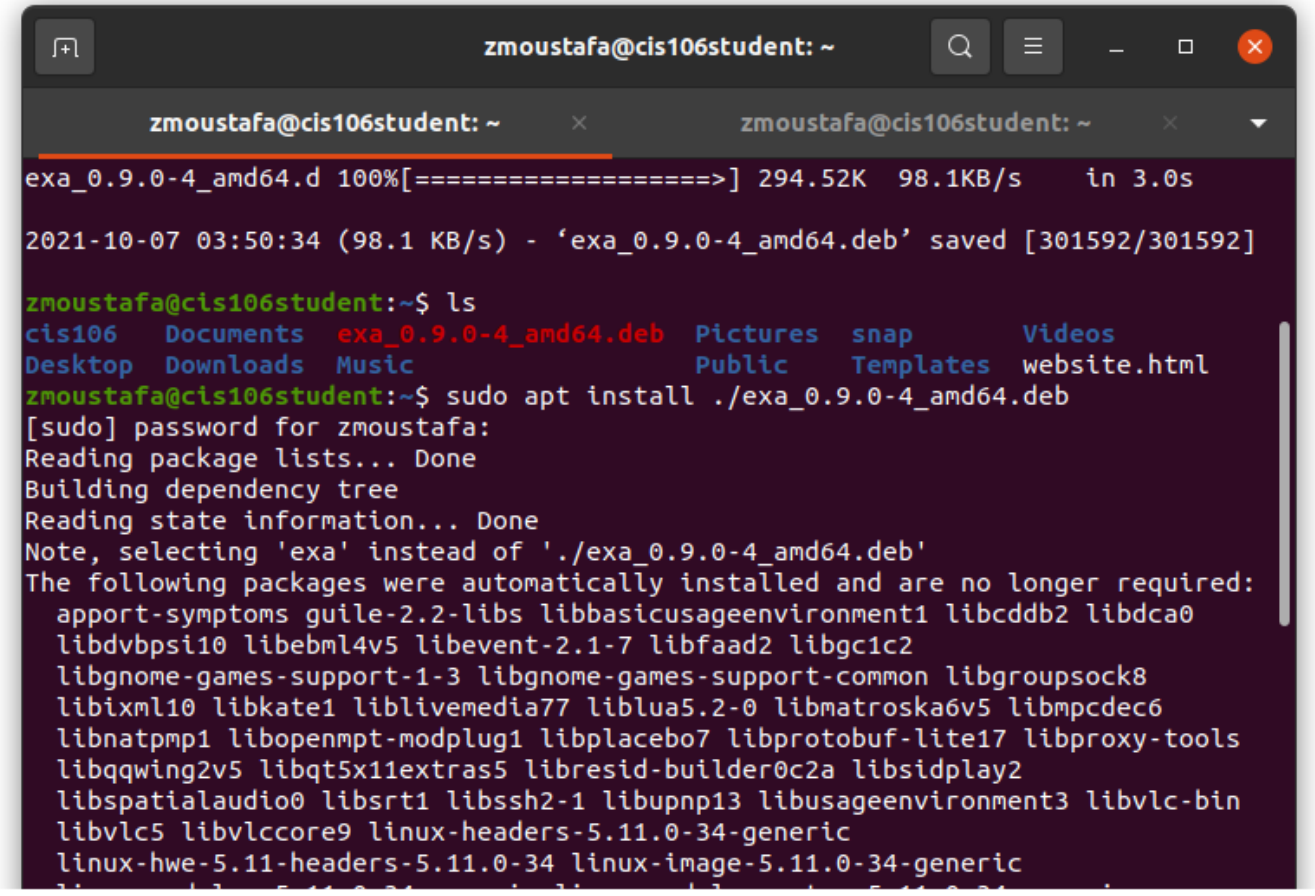
<hr>

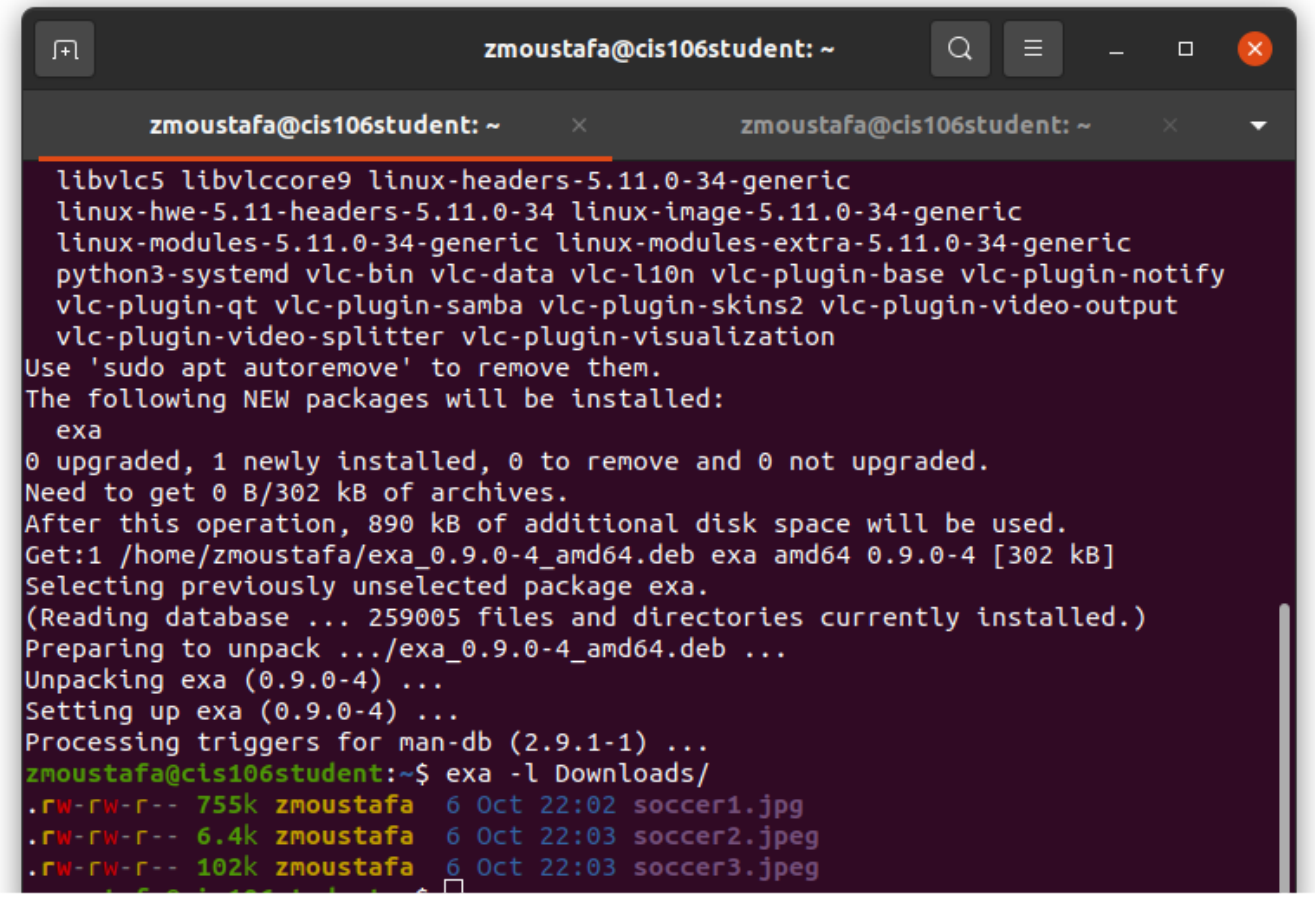
tree v1.8.0 © 1996 - 2018 by Steve Baker and Thomas Moore
HTML output hacked and copyleft © 1998 by Francesc Rocher
JSON output hacked and copyleft © 2014 by Florian Sesser
Charsets / OS/2 support © 2001 by Kyosuke Tokoro

</body>
</html>
zmoustafa@cis106student:~$ tree -Ho Downloads/ website.html
zmoustafa@cis106student:~$ ls
cis106 Documents Music Public Templates website.html
Desktop Downloads Pictures snap Videos

Question 5


zmoustafa@cis106student: ~
zmoustafa@cis106student: ~
zmoustafa@cis106student: ~
zmoustafa@cis106student:~$ wget http://archive.ubuntu.com/ubuntu/pool/universe/r/rust-exa/exa_0.9.0-4_amd64.deb
--2021-10-07 03:50:30-- http://archive.ubuntu.com/ubuntu/pool/universe/r/rust-exa/exa_0.9.0-4_amd64.deb
Resolving archive.ubuntu.com (archive.ubuntu.com)... 91.189.88.152, 91.189.88.142, 2001:67c:1360:8001::24, ...
Connecting to archive.ubuntu.com (archive.ubuntu.com)|91.189.88.152|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 301592 (295K) [application/x-debian-package]
Saving to: ‘exa_0.9.0-4_amd64.deb’
exa_0.9.0-4_amd64.d 100%[===================>] 294.52K 98.1KB/s in 3.0s
2021-10-07 03:50:34 (98.1 KB/s) - ‘exa_0.9.0-4_amd64.deb’ saved [301592/301592]
zmoustafa@cis106student:~$ ls
cis106 Documents exa_0.9.0-4_amd64.deb Pictures snap Videos
Desktop Downloads Music Public Templates website.html
zmoustafa@cis106student:~$ sudo apt install ./exa_0.9.0-4_amd64.deb
[sudo] password for zmoustafa:
Reading package lists... Done
Building dependency tree


zmoustafa@cis106student: ~
zmoustafa@cis106student: ~
zmoustafa@cis106student: ~
exa_0.9.0-4_amd64.d 100%[===================>] 294.52K 98.1KB/s in 3.0s
2021-10-07 03:50:34 (98.1 KB/s) - ‘exa_0.9.0-4_amd64.deb’ saved [301592/301592]
zmoustafa@cis106student:~$ ls
cis106 Documents exa_0.9.0-4_amd64.deb Pictures snap Videos
Desktop Downloads Music Public Templates website.html
zmoustafa@cis106student:~$ sudo apt install ./exa_0.9.0-4_amd64.deb
[sudo] password for zmoustafa:
Reading package lists... Done
Building dependency tree
Reading state information... Done
Note, selecting 'exa' instead of './exa_0.9.0-4_amd64.deb'
The following packages were automatically installed and are no longer required:
apport-symptoms guile-2.2-libs libbasicusageenvironment1 libcddb2 libdca0
libdvbpsi10 libebml4v5 libevent-2.1-7 libfaad2 libgc1c2
libgnome-games-support-1-3 libgnome-games-support-common libgroupsock8
libixml10 libkate1 liblivemedia77 liblua5.2-0 libmatroska6v5 libmpcdec6
libnatpmp1 libopenmpt-modplug1 libplacebo7 libprotobuf-lite17 libproxy-tools
libqqwing2v5 libqt5x11extras5 libresid-builder0c2a libsidplay2
libspatialaudio0 libsrt1 libssh2-1 libupnp13 libusageenvironment3 libvlc-bin
libvlc5 libvlccore9 linux-headers-5.11.0-34-generic
linux-hwe-5.11-headers-5.11.0-34 linux-image-5.11.0-34-generic


zmoustafa@cis106student: ~
zmoustafa@cis106student: ~
zmoustafa@cis106student: ~
libvlc5 libvlccore9 linux-headers-5.11.0-34-generic
linux-hwe-5.11-headers-5.11.0-34 linux-image-5.11.0-34-generic
linux-modules-5.11.0-34-generic linux-modules-extra-5.11.0-34-generic
python3-systemd vlc-bin vlc-data vlc-l10n vlc-plugin-base vlc-plugin-notify
vlc-plugin-qt vlc-plugin-samba vlc-plugin-skins2 vlc-plugin-video-output
vlc-plugin-video-splitter vlc-plugin-visualization
Use 'sudo apt autoremove' to remove them.
The following NEW packages will be installed:
exa
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 0 B/302 kB of archives.
After this operation, 890 kB of additional disk space will be used.
Get:1 /home/zmoustafa/exa_0.9.0-4_amd64.deb exa amd64 0.9.0-4 [302 kB]
Selecting previously unselected package exa.
(Reading database ... 259005 files and directories currently installed.)
Preparing to unpack .../exa_0.9.0-4_amd64.deb ...
Unpacking exa (0.9.0-4) ...
Setting up exa (0.9.0-4) ...
Processing triggers for man-db (2.9.1-1) ...
zmoustafa@cis106student:~$ exa -l Downloads/
.rw-rw-r-- 755k zmoustafa 6 Oct 22:02 soccer1.jpg
.rw-rw-r-- 6.4k zmoustafa 6 Oct 22:03 soccer2.jpeg
.rw-rw-r-- 102k zmoustafa 6 Oct 22:03 soccer3.jpeg