

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 theme`

.

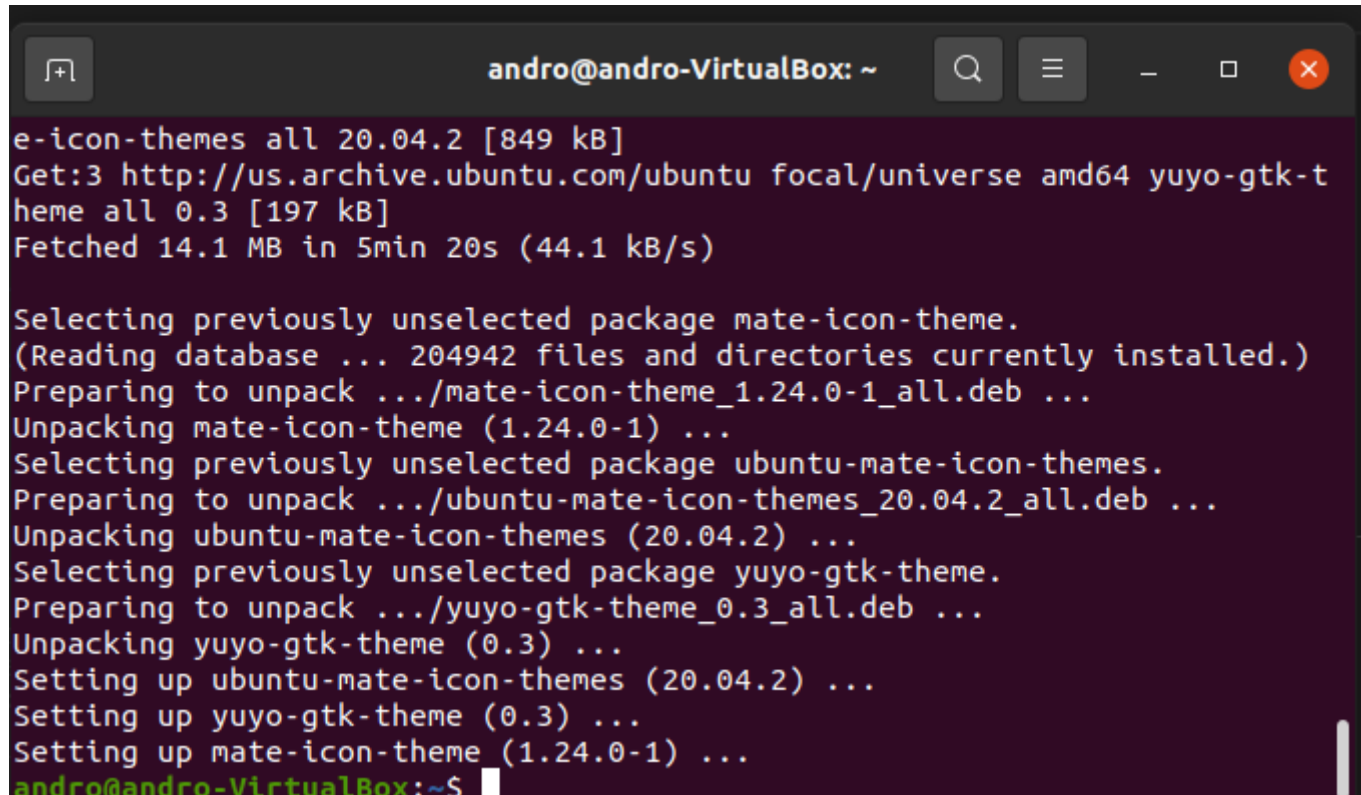
2. Which commands did you use to find and install the web browser?

`apt search gtk theme`

- 3.1 What is the name of the package?

`yuyo-gtk-theme`

- 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)

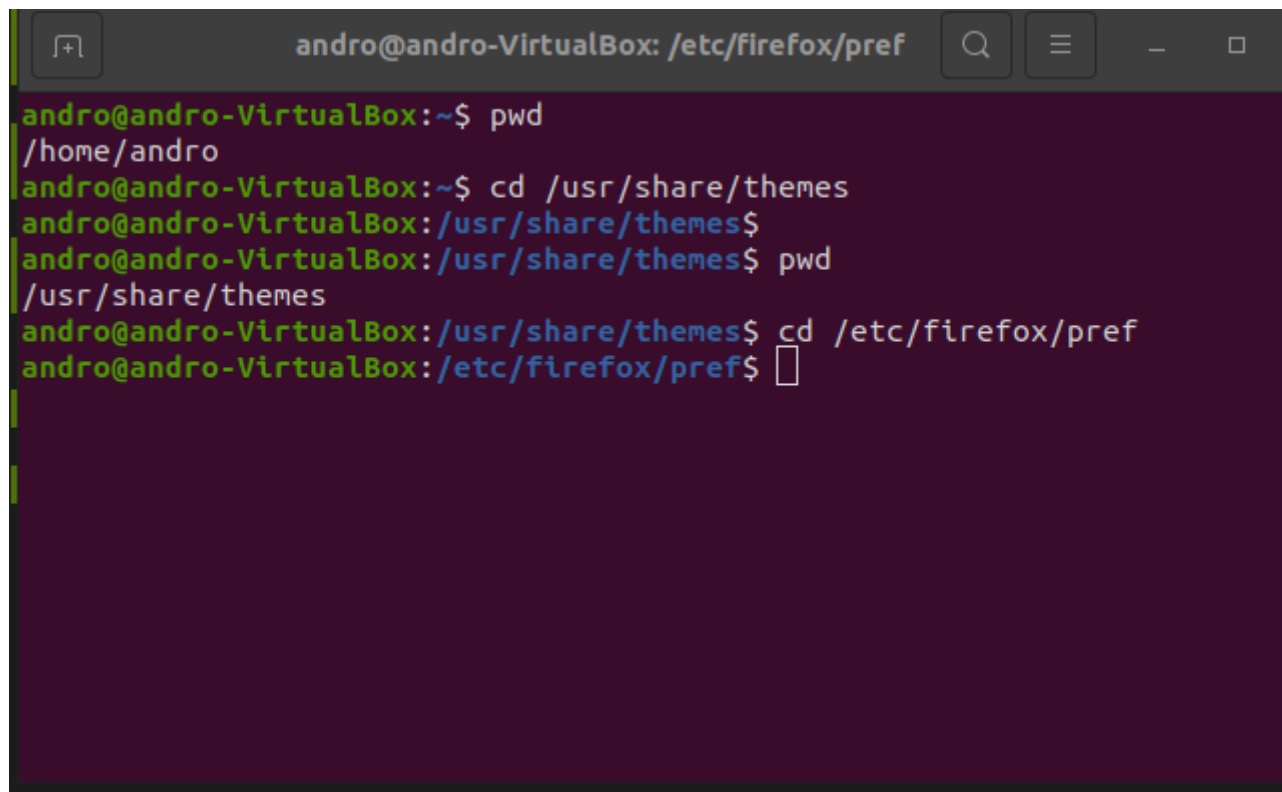


```
andro@andro-VirtualBox: ~  
e-icon-themes all 20.04.2 [849 kB]  
Get:3 http://us.archive.ubuntu.com/ubuntu focal/universe amd64 yuyo-gtk-t  
heme all 0.3 [197 kB]  
Fetched 14.1 MB in 5min 20s (44.1 kB/s)  
  
Selecting previously unselected package mate-icon-theme.  
(Reading database ... 204942 files and directories currently installed.)  
Preparing to unpack .../mate-icon-theme_1.24.0-1_all.deb ...  
Unpacking mate-icon-theme (1.24.0-1) ...  
Selecting previously unselected package ubuntu-mate-icon-themes.  
Preparing to unpack .../ubuntu-mate-icon-themes_20.04.2_all.deb ...  
Unpacking ubuntu-mate-icon-themes (20.04.2) ...  
Selecting previously unselected package yuyo-gtk-theme.  
Preparing to unpack .../yuyo-gtk-theme_0.3_all.deb ...  
Unpacking yuyo-gtk-theme (0.3) ...  
Setting up ubuntu-mate-icon-themes (20.04.2) ...  
Setting up yuyo-gtk-theme (0.3) ...  
Setting up mate-icon-theme (1.24.0-1) ...  
andro@andro-VirtualBox:~$
```

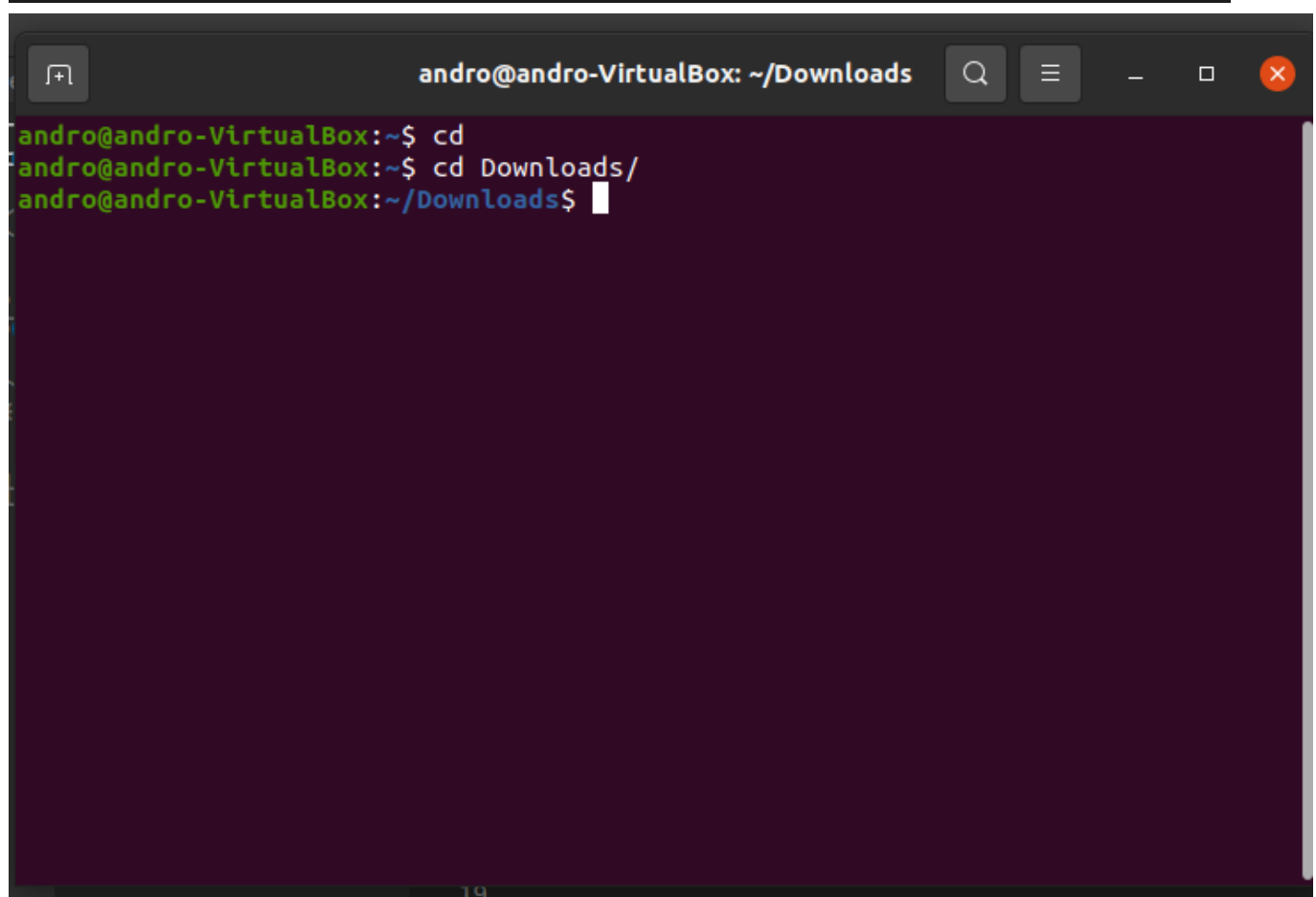
- 3.3 How much disk space will the package utilize after installation?

74

Question 2

A terminal window titled 'andro@andro-VirtualBox: /etc/firefox/pref'. The terminal shows a series of commands: 'pwd' returns '/home/andro', 'cd /usr/share/themes' changes the directory, and 'pwd' returns '/usr/share/themes'. Finally, 'cd /etc/firefox/pref' changes the directory to '/etc/firefox/pref', where the cursor is now positioned.

```
andro@andro-VirtualBox:~$ pwd
/home/andro
andro@andro-VirtualBox:~$ cd /usr/share/themes
andro@andro-VirtualBox:/usr/share/themes$ pwd
/usr/share/themes
andro@andro-VirtualBox:/usr/share/themes$ cd /etc/firefox/pref
andro@andro-VirtualBox:/etc/firefox/pref$
```

A terminal window titled 'andro@andro-VirtualBox: ~/Downloads'. The terminal shows the commands 'cd' (which does nothing as it's already in the home directory) and 'cd Downloads/' which changes the directory to '~/Downloads'. The cursor is now at the end of the line.

```
andro@andro-VirtualBox:~$ cd
andro@andro-VirtualBox:~$ cd Downloads/
andro@andro-VirtualBox:~/Downloads$
```

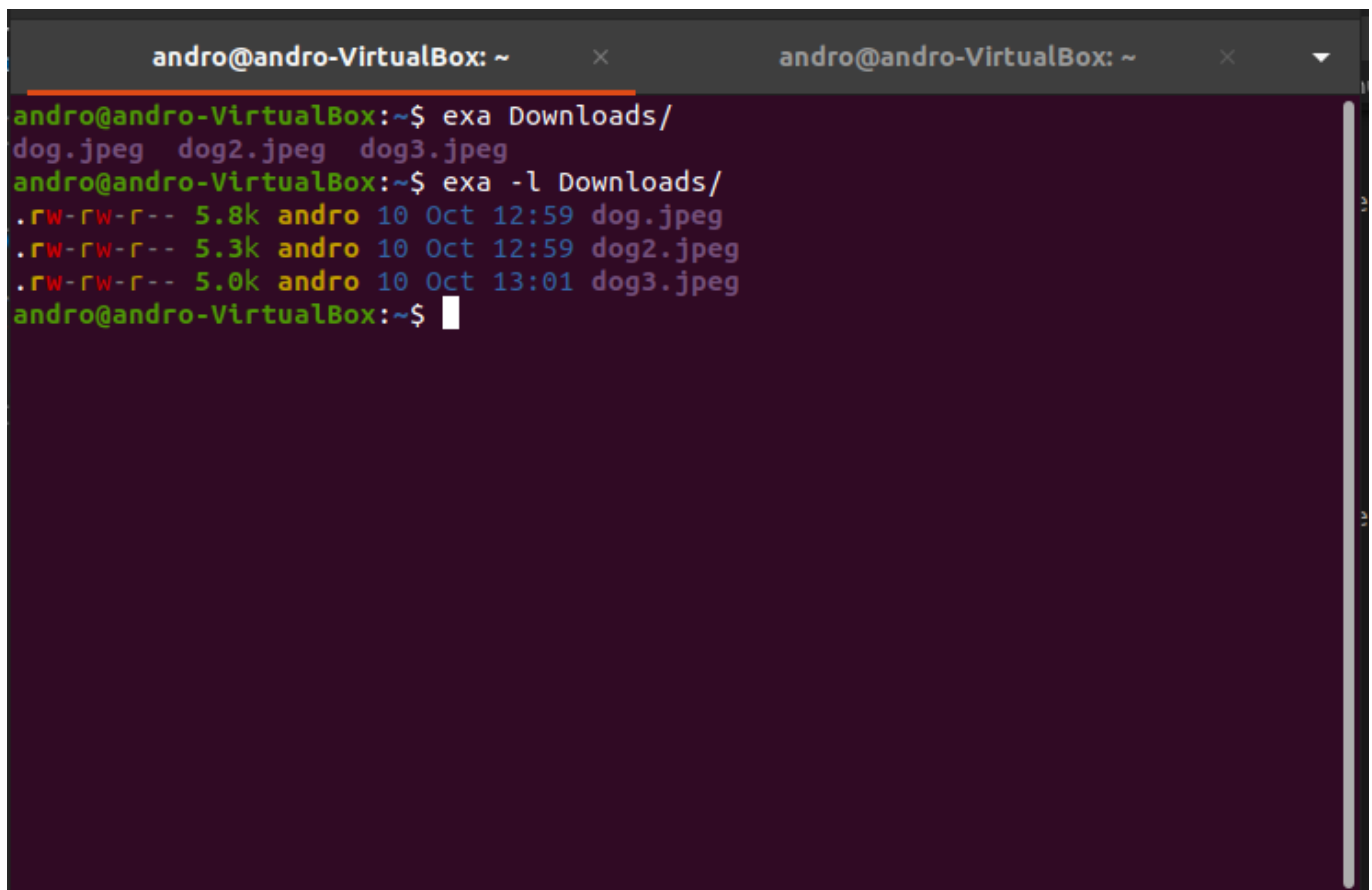
Question 3

```
andro@andro-VirtualBox: ~  
andro@andro-VirtualBox:~$ cd\  
>  
andro@andro-VirtualBox:~$ ~ Downloads$ cd  
bash: /home/andro: Is a directory  
andro@andro-VirtualBox:~$ ls Downloads/  
dog2.jpeg dog3.jpeg dog.jpeg  
andro@andro-VirtualBox:~$ pwd  
/home/andro  
andro@andro-VirtualBox:~$ ls Downloads/  
dog2.jpeg dog3.jpeg dog.jpeg  
andro@andro-VirtualBox:~$ ls -a Downloads/+  
ls: cannot access 'Downloads/+': No such file or directory  
andro@andro-VirtualBox:~$ ls -a Downloads/  
. .. dog2.jpeg dog3.jpeg dog.jpeg  
andro@andro-VirtualBox:~$  
andro@andro-VirtualBox:~$ ls -al Downloads/  
total 32  
drwxr-xr-x  2 andro andro 4096 Oct 10 13:01 .  
drwxr-xr-x 20 andro andro 4096 Oct  8 18:51 ..  
-rw-rw-r--  1 andro andro 5297 Oct 10 12:59 dog2.jpeg  
-rw-rw-r--  1 andro andro 4984 Oct 10 13:01 dog3.jpeg  
-rw-rw-r--  1 andro andro 5808 Oct 10 12:59 dog.jpeg  
andro@andro-VirtualBox:~$
```

Question 4

```
andro@andro-VirtualBox: ~  
andro@andro-VirtualBox:~$ tree -/Downloads/  
tree: Invalid argument -`/'.  
usage: tree [-acdfghilnpqrstuvxACDFJQNSUX] [-H baseHREF] [-T title ]  
        [-L level [-R]] [-P pattern] [-I pattern] [-o filename] [--version]  
        [--help] [--inodes] [--device] [--noreport] [--nolinks] [--dirsfirst]  
        [--charset charset] [--filelimit[=]#] [--si] [--timefmt[=]<f>]  
        [--sort[=]<name>] [--matchdirs] [--ignore-case] [--fromfile] [--]  
        [<directory list>]  
andro@andro-VirtualBox:~$ tree .pug -/Downloads/  
tree: Invalid argument -`/'.  
usage: tree [-acdfghilnpqrstuvxACDFJQNSUX] [-H baseHREF] [-T title ]  
        [-L level [-R]] [-P pattern] [-I pattern] [-o filename] [--version]  
        [--help] [--inodes] [--device] [--noreport] [--nolinks] [--dirsfirst]  
        [--charset charset] [--filelimit[=]#] [--si] [--timefmt[=]<f>]  
        [--sort[=]<name>] [--matchdirs] [--ignore-case] [--fromfile] [--]  
        [<directory list>]  
andro@andro-VirtualBox:~$
```

Question 5



A terminal window titled 'andro@andro-VirtualBox: ~' with two tabs. The first tab is active and shows the following commands and output:

```
andro@andro-VirtualBox:~$ exa Downloads/  
dog.jpeg  dog2.jpeg  dog3.jpeg  
andro@andro-VirtualBox:~$ exa -l Downloads/  
.rw-rw-r-- 5.8k andro 10 Oct 12:59 dog.jpeg  
.rw-rw-r-- 5.3k andro 10 Oct 12:59 dog2.jpeg  
.rw-rw-r-- 5.0k andro 10 Oct 13:01 dog3.jpeg  
andro@andro-VirtualBox:~$
```

The output shows three files in the Downloads directory: dog.jpeg (5.8k), dog2.jpeg (5.3k), and dog3.jpeg (5.0k). All files are owned by 'andro' and have permissions '.rw-rw-r--'.