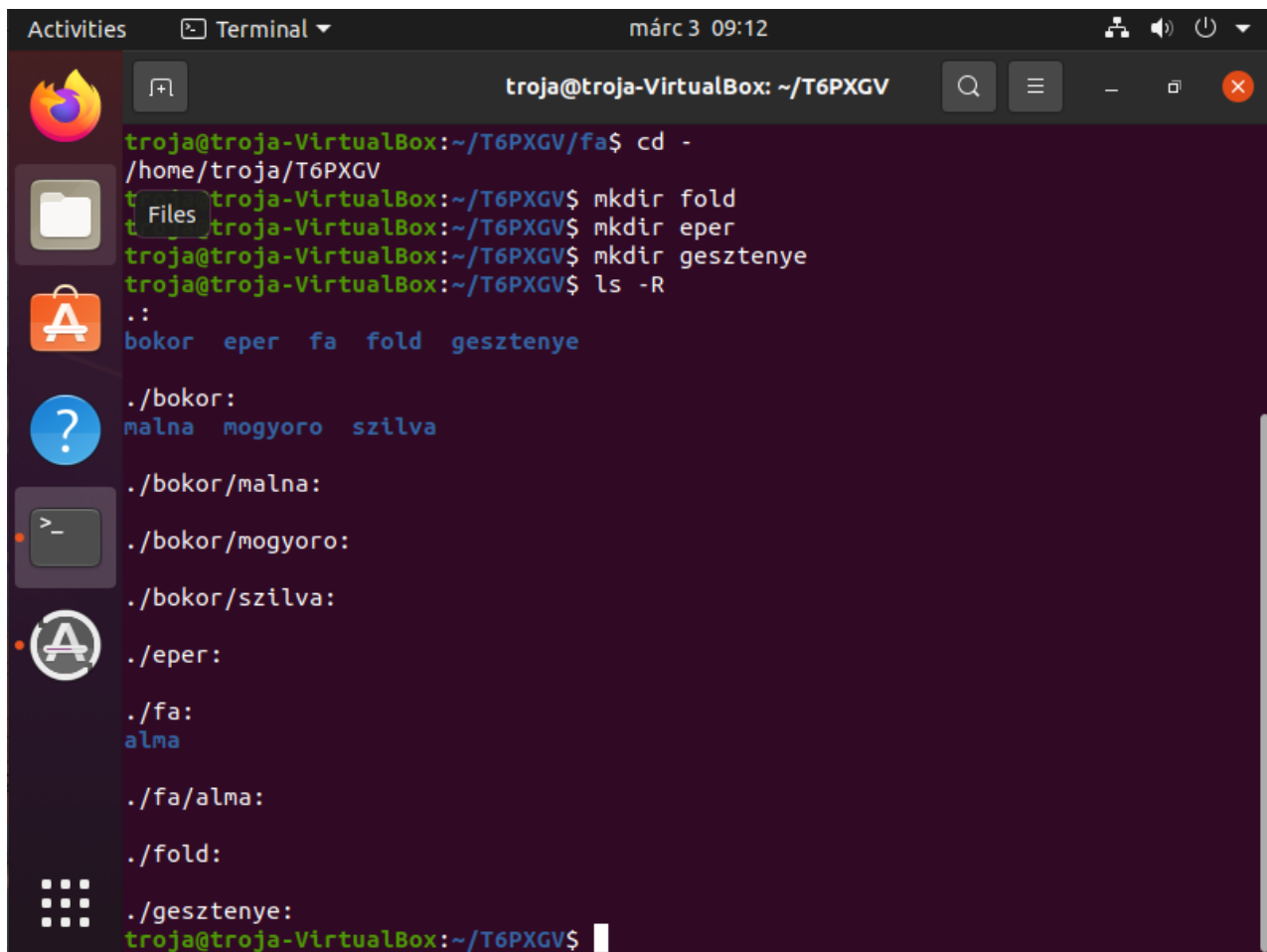


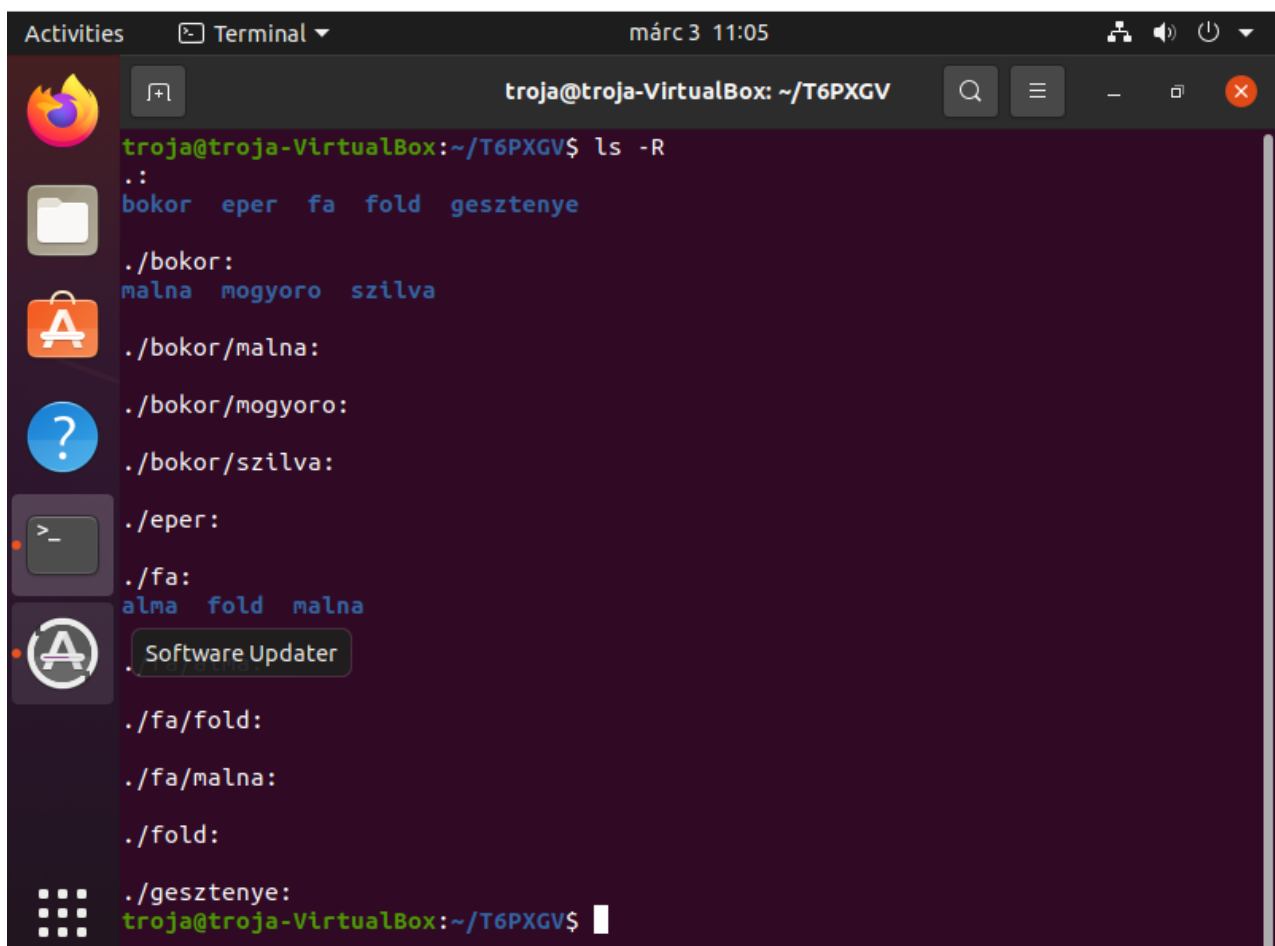
1.



A terminal window titled 'troja@troja-VirtualBox: ~/T6PXGV' with a search bar and window controls. The terminal shows the following commands and output:

```
troja@troja-VirtualBox:~/T6PXGV/fa$ cd -  
/home/troja/T6PXGV  
troja@troja-VirtualBox:~/T6PXGV$ mkdir fold  
troja@troja-VirtualBox:~/T6PXGV$ mkdir eper  
troja@troja-VirtualBox:~/T6PXGV$ mkdir gesztenye  
troja@troja-VirtualBox:~/T6PXGV$ ls -R  
.:  
bokor eper fa fold gesztenye  
  
./bokor:  
malna mogyoro szilva  
  
./bokor/malna:  
  
./bokor/mogyoro:  
  
./bokor/szilva:  
  
./eper:  
  
./fa:  
alma  
  
./fa/alma:  
  
./fold:  
  
./gesztenye:  
troja@troja-VirtualBox:~/T6PXGV$
```

2.

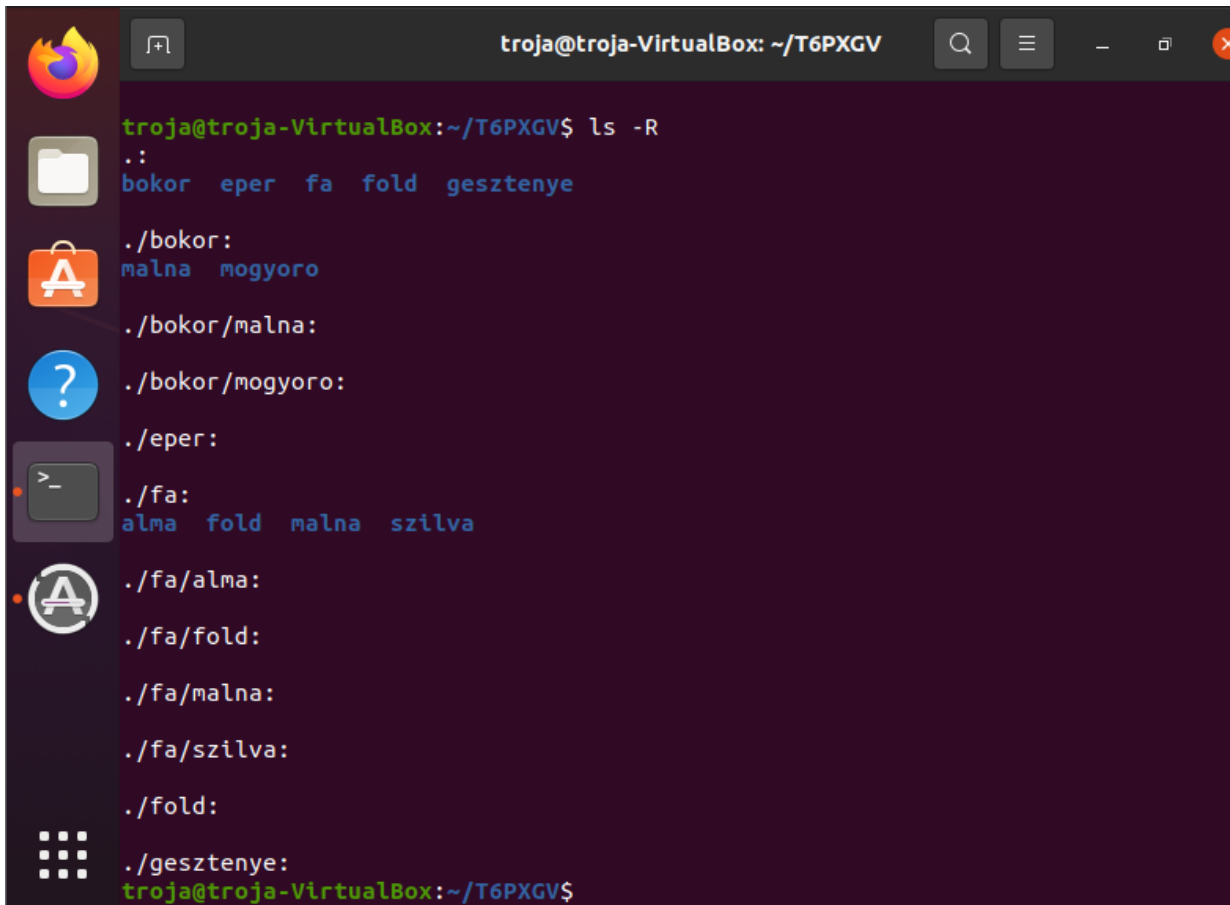


A terminal window titled 'troja@troja-VirtualBox: ~/T6PXGV' with a search bar and window controls. The terminal shows the following commands and output:

```
troja@troja-VirtualBox:~/T6PXGV$ ls -R  
.:  
bokor eper fa fold gesztenye  
  
./bokor:  
malna mogyoro szilva  
  
./bokor/malna:  
  
./bokor/mogyoro:  
  
./bokor/szilva:  
  
./eper:  
  
./fa:  
alma fold malna  
  
./fa/fold:  
  
./fa/malna:  
  
./fold:  
  
./gesztenye:  
troja@troja-VirtualBox:~/T6PXGV$
```

A 'Software Updater' notification bubble is visible on the left side of the terminal window.

3.

A terminal window titled 'troja@troja-VirtualBox: ~/T6PXGV'. The user runs 'ls -R' to list the directory structure. The output shows a tree of directories: 'bokor' (with subdirs 'eper', 'fa', 'fold', 'gesztenye'), 'malna' (with subdirs 'mogyor'), and 'eper' (with subdirs 'malna', 'mogyor'). The 'fa' directory contains 'alma', 'fold', 'malna', and 'szilva'. The 'gesztenye' directory is empty. The terminal ends with the prompt 'troja@troja-VirtualBox:~/T6PXGV\$'.

```
troja@troja-VirtualBox:~/T6PXGV$ ls -R
.:
bokor eper fa fold gesztenye

./bokor:
malna mogyor

./bokor/malna:

./bokor/mogyoro:

./eper:

./fa:
alma fold malna szilva

./fa/alma:

./fa/fold:

./fa/malna:

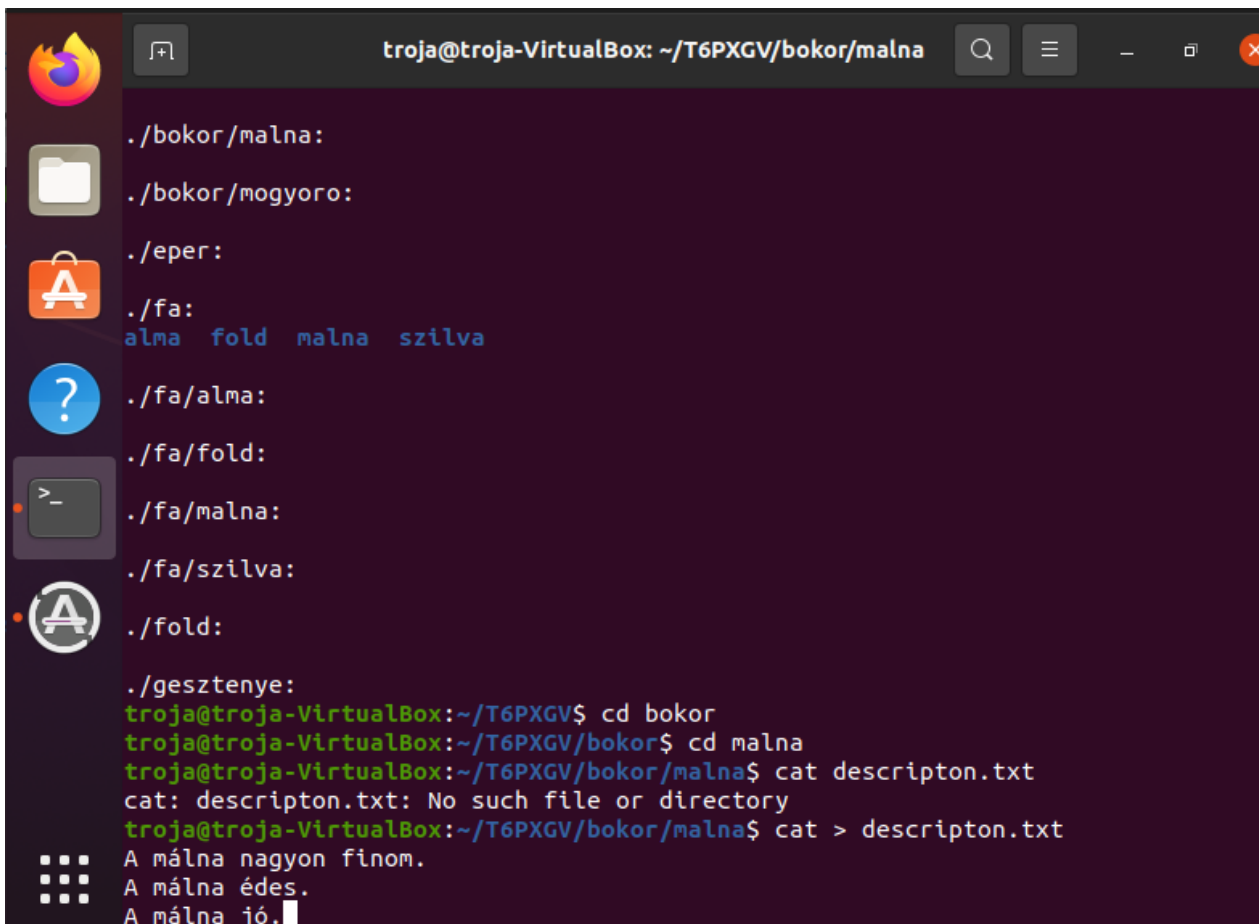
./fa/szilva:

./fold:

./gesztenye:
troja@troja-VirtualBox:~/T6PXGV$
```

A föld gesztenye katalógus nem létezik.

4. – 5.

A terminal window titled 'troja@troja-VirtualBox: ~/T6PXGV/bokor/malna'. The user navigates through the directory structure: 'cd bokor', 'cd malna'. Then they run 'cat description.txt', which returns 'cat: description.txt: No such file or directory'. Finally, they run 'cat > description.txt' to create the file. The terminal shows the content of the file: 'A málna nagyon finom.', 'A málna édes.', and 'A málna jó.' followed by a cursor.

```
troja@troja-VirtualBox: ~/T6PXGV/bokor/malna

./bokor/malna:

./bokor/mogyoro:

./eper:

./fa:
alma fold malna szilva

./fa/alma:

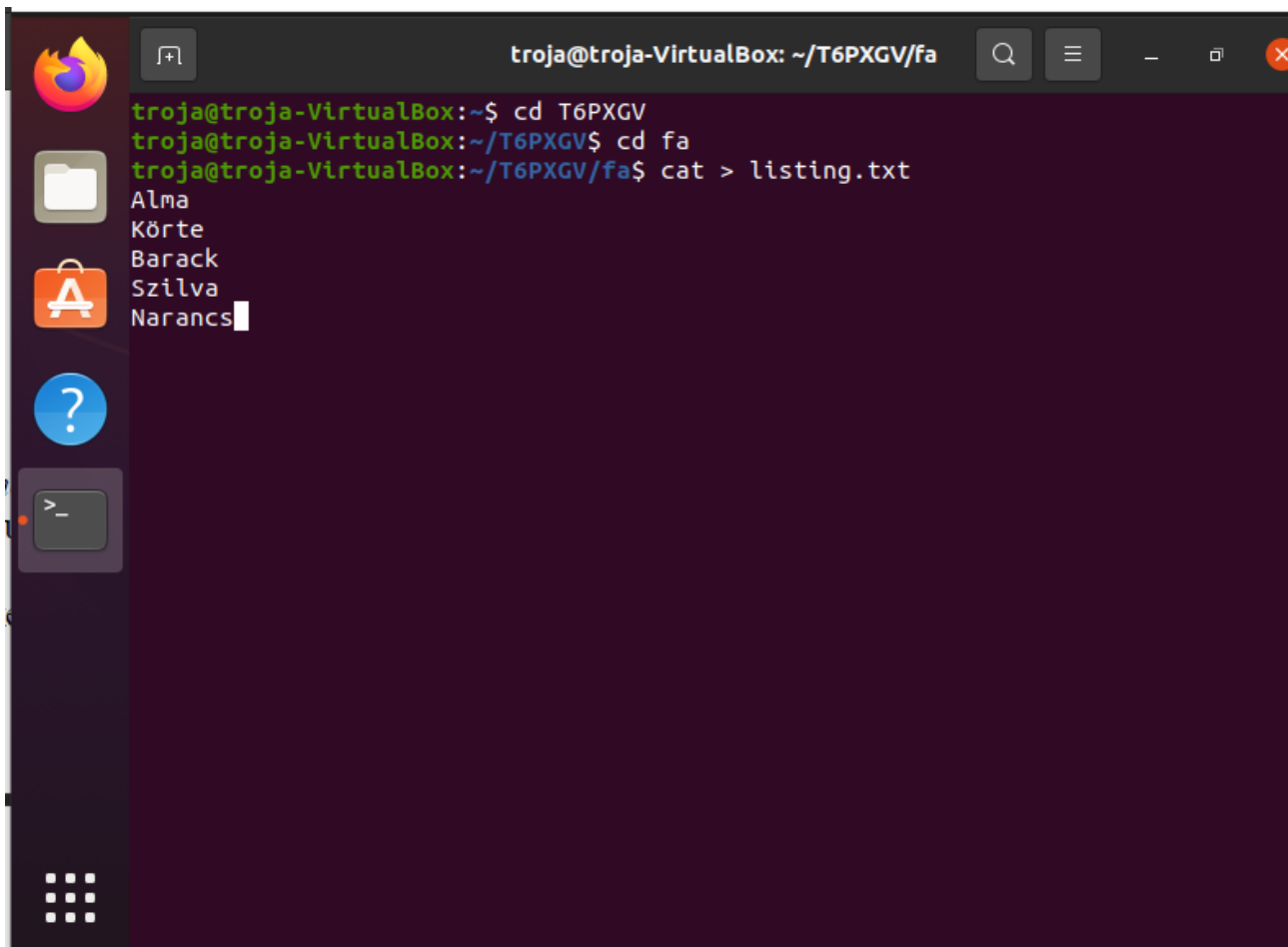
./fa/fold:

./fa/malna:

./fa/szilva:

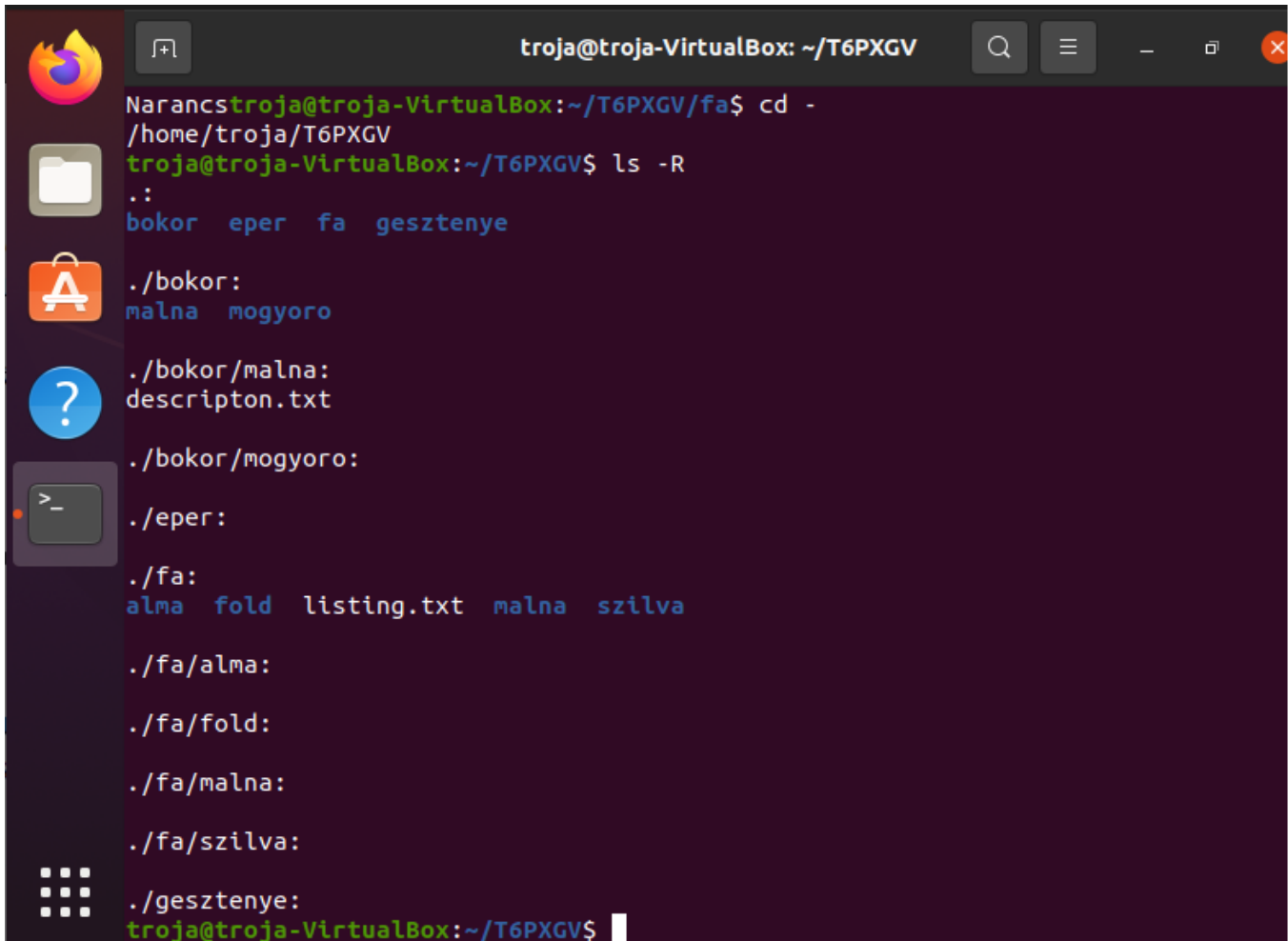
./fold:

./gesztenye:
troja@troja-VirtualBox:~/T6PXGV$ cd bokor
troja@troja-VirtualBox:~/T6PXGV/bokor$ cd malna
troja@troja-VirtualBox:~/T6PXGV/bokor/malna$ cat description.txt
cat: description.txt: No such file or directory
troja@troja-VirtualBox:~/T6PXGV/bokor/malna$ cat > description.txt
A málna nagyon finom.
A málna édes.
A málna jó.
```

A terminal window titled 'troja@troja-VirtualBox: ~/T6PXGV/fa'. The user navigates to the 'T6PXGV' directory, then to the 'fa' subdirectory, and creates a file named 'listing.txt' using the 'cat' command. The file contains the following text: Alma, Körte, Barack, Szilva, and Narancs.

```
troja@troja-VirtualBox:~$ cd T6PXGV
troja@troja-VirtualBox:~/T6PXGV$ cd fa
troja@troja-VirtualBox:~/T6PXGV/fa$ cat > listing.txt
Alma
Körte
Barack
Szilva
Narancs
```

6.

A terminal window titled 'troja@troja-VirtualBox: ~/T6PXGV'. The user navigates to the parent directory and runs 'ls -R' to show the recursive directory structure. The output shows a hierarchy starting from the current directory, including subdirectories like 'bokor', 'eper', 'fa', and 'gesztenye', and further subdirectories like 'malna' and 'moggyoro' under 'bokor'.

```
Narancstroja@troja-VirtualBox:~/T6PXGV/fa$ cd -
/home/troja/T6PXGV
troja@troja-VirtualBox:~/T6PXGV$ ls -R
.:
bokor eper fa gesztenye

./bokor:
malna moggyoro

./bokor/malna:
descripton.txt

./bokor/moggyoro:

./eper:

./fa:
alma fold listing.txt malna szilva

./fa/alma:

./fa/fold:

./fa/malna:

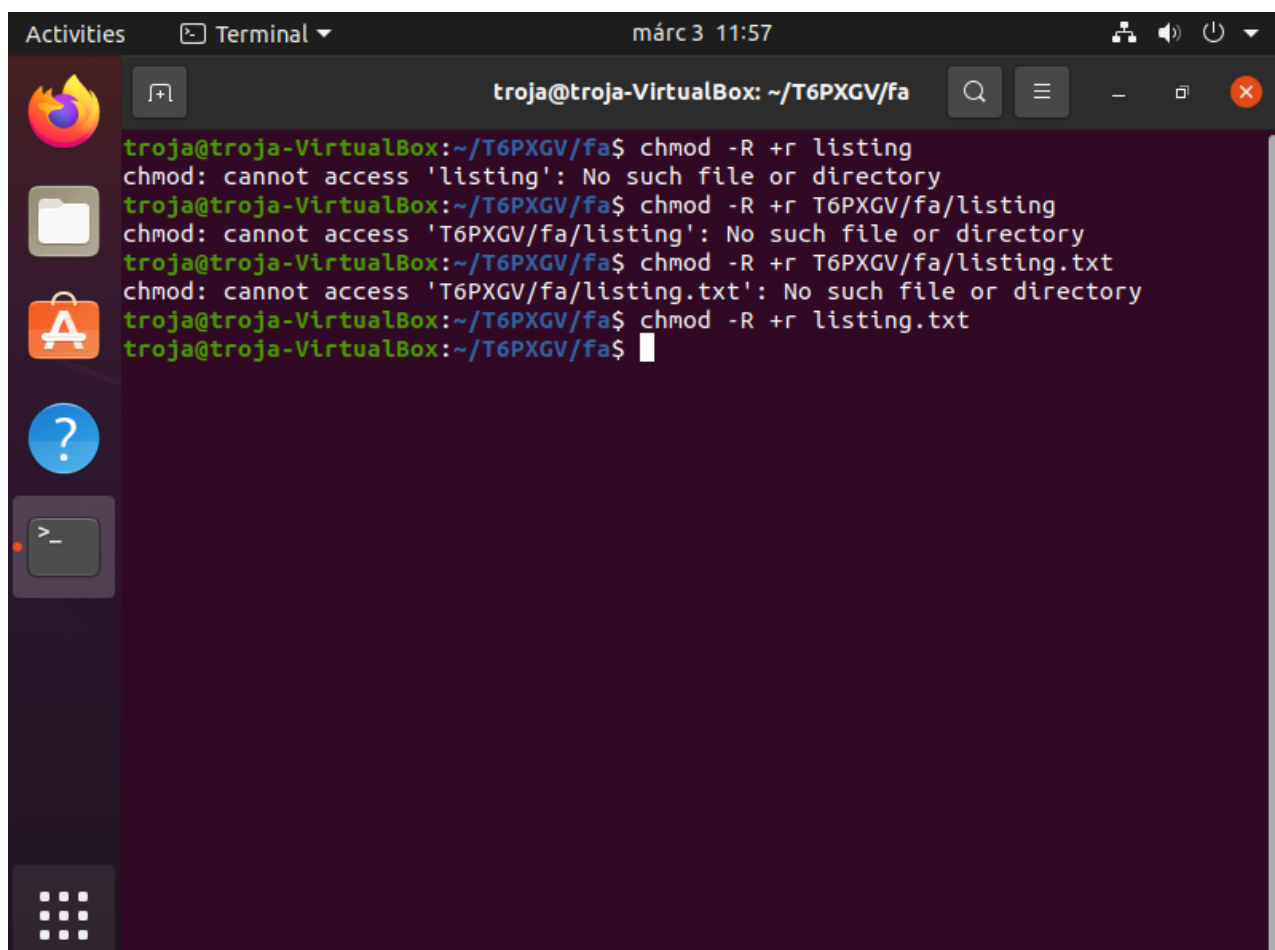
./fa/szilva:

./gesztenye:
troja@troja-VirtualBox:~/T6PXGV$
```

7.

```
troja@troja-VirtualBox:/home$ find /home '*e*'
/home
/home/troja
/home/troja/Downloads
/home/troja/Music
/home/troja/Videos
/home/troja/Desktop
/home/troja/.bash_history
/home/troja/.sudo_as_admin_successful
/home/troja/.config
/home/troja/.config/goa-1.0
/home/troja/.config/gnome-initial-setup-done
/home/troja/.config/dconf
/home/troja/.config/dconf/user
/home/troja/.config/nautilus
/home/troja/.config/user-dirs.dirs
/home/troja/.config/ibus
/home/troja/.config/ibus/bus/91255227be694456a4358b03ddfdbb34-unix-0
/home/troja/.config/update-notifier
/home/troja/.config/gtk-3.0
/home/troja/.config/gtk-3.0/bookmarks
/home/troja/.config/evolution
/home/troja/.config/evolution/sources
/home/troja/.config/evolution/sources/system-proxy.source
/home/troja/.config/user-dirs.locale
/home/troja/.config/pulse
```

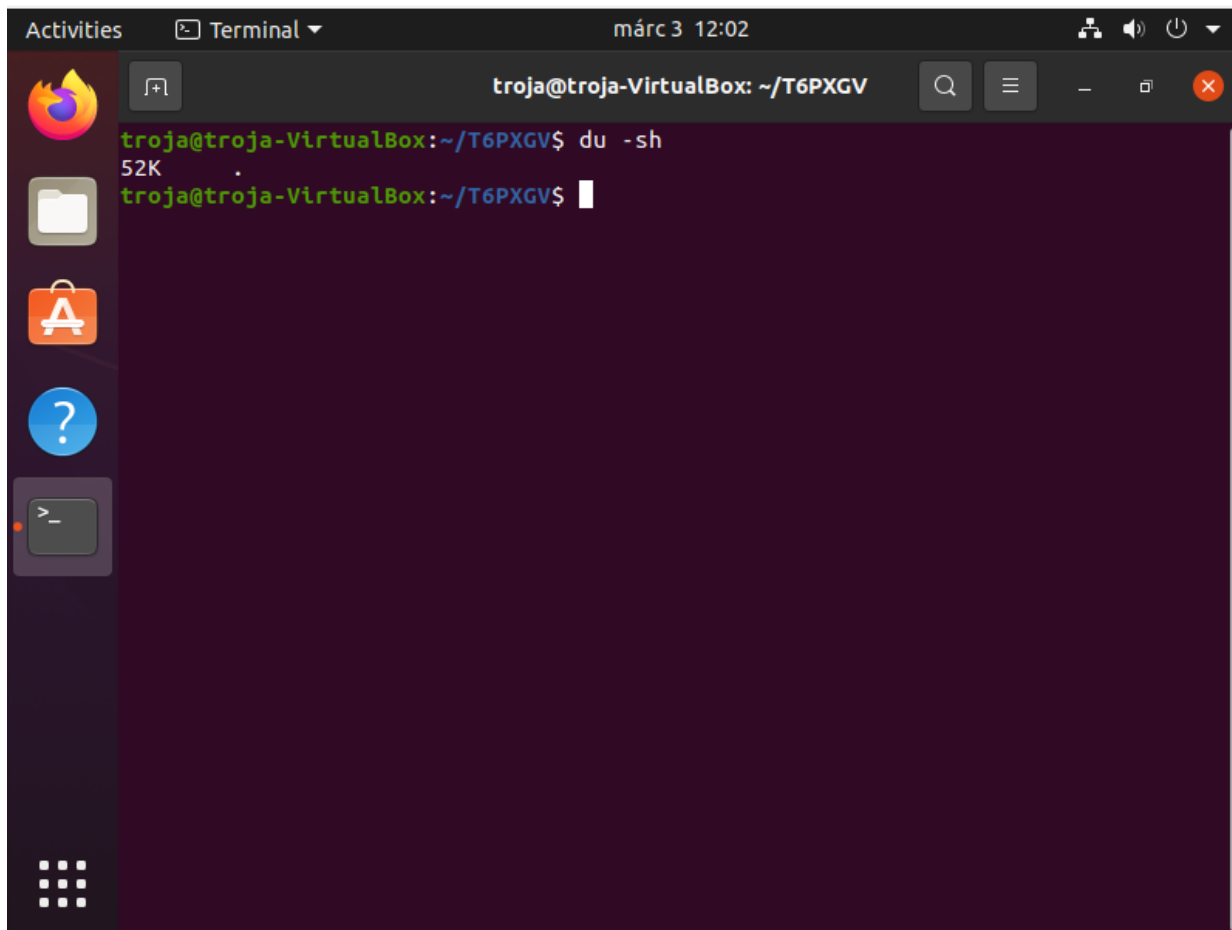
8.



The screenshot shows a terminal window titled "troja@troja-VirtualBox: ~/T6PXGV/fa" with a search bar and window controls. The terminal output shows four failed chmod commands: "chmod -R +r listing", "chmod -R +r T6PXGV/fa/listing", "chmod -R +r T6PXGV/fa/listing.txt", and "chmod -R +r listing.txt". Each command is followed by an error message: "chmod: cannot access 'listing': No such file or directory", "chmod: cannot access 'T6PXGV/fa/listing': No such file or directory", "chmod: cannot access 'T6PXGV/fa/listing.txt': No such file or directory", and "chmod: cannot access 'listing.txt': No such file or directory". The terminal prompt is "troja@troja-VirtualBox:~/T6PXGV/fa\$".

```
troja@troja-VirtualBox:~/T6PXGV/fa$ chmod -R +r listing
chmod: cannot access 'listing': No such file or directory
troja@troja-VirtualBox:~/T6PXGV/fa$ chmod -R +r T6PXGV/fa/listing
chmod: cannot access 'T6PXGV/fa/listing': No such file or directory
troja@troja-VirtualBox:~/T6PXGV/fa$ chmod -R +r T6PXGV/fa/listing.txt
chmod: cannot access 'T6PXGV/fa/listing.txt': No such file or directory
troja@troja-VirtualBox:~/T6PXGV/fa$ chmod -R +r listing.txt
troja@troja-VirtualBox:~/T6PXGV/fa$
```

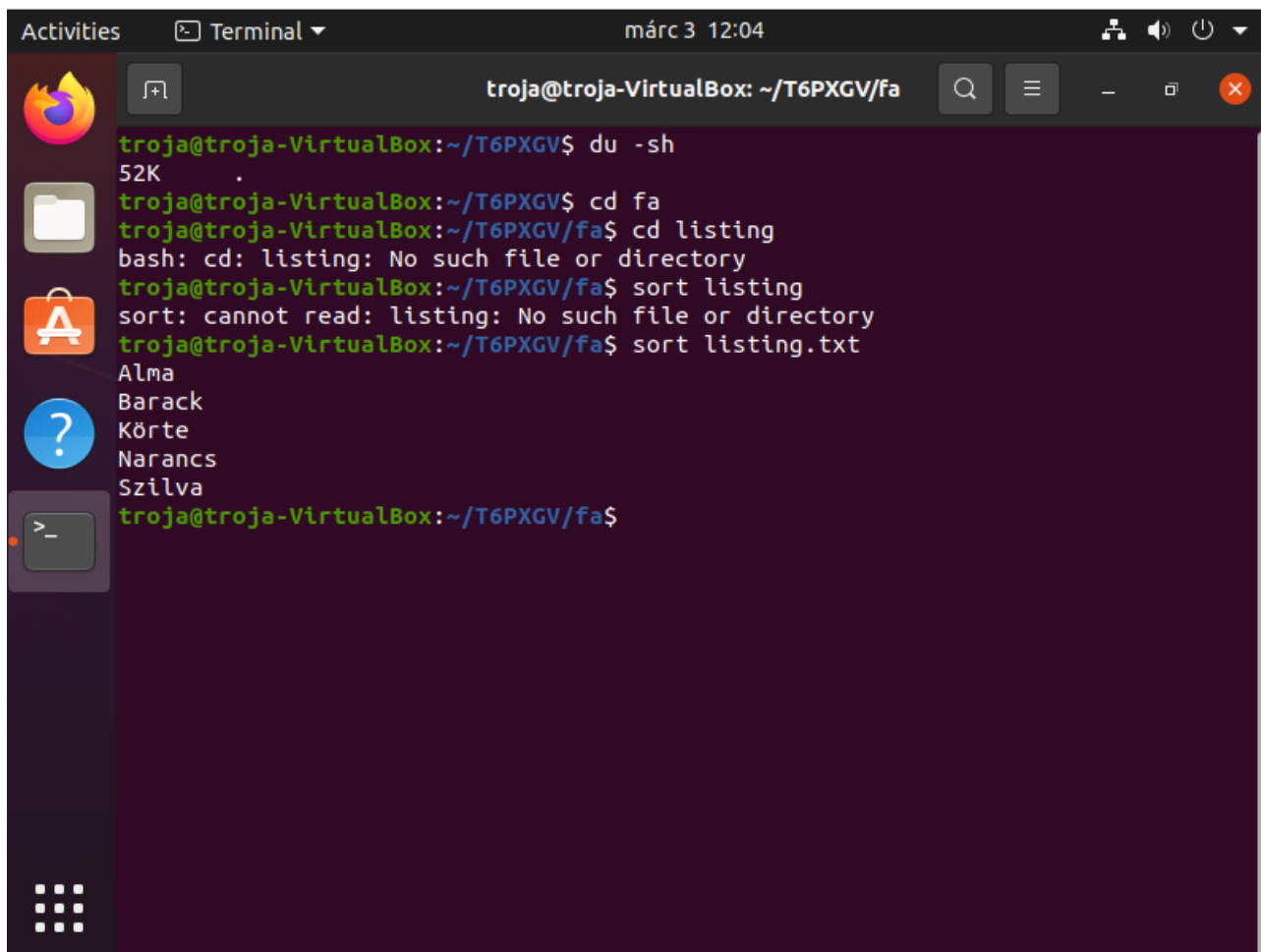
9.



A terminal window titled 'troja@troja-VirtualBox: ~/T6PXGV' with a search bar and window controls. The terminal shows the command 'du -sh' being executed, resulting in '52K .' on the next line. The prompt is 'troja@troja-VirtualBox:~/T6PXGV\$'.

```
troja@troja-VirtualBox:~/T6PXGV$ du -sh
52K .
troja@troja-VirtualBox:~/T6PXGV$
```

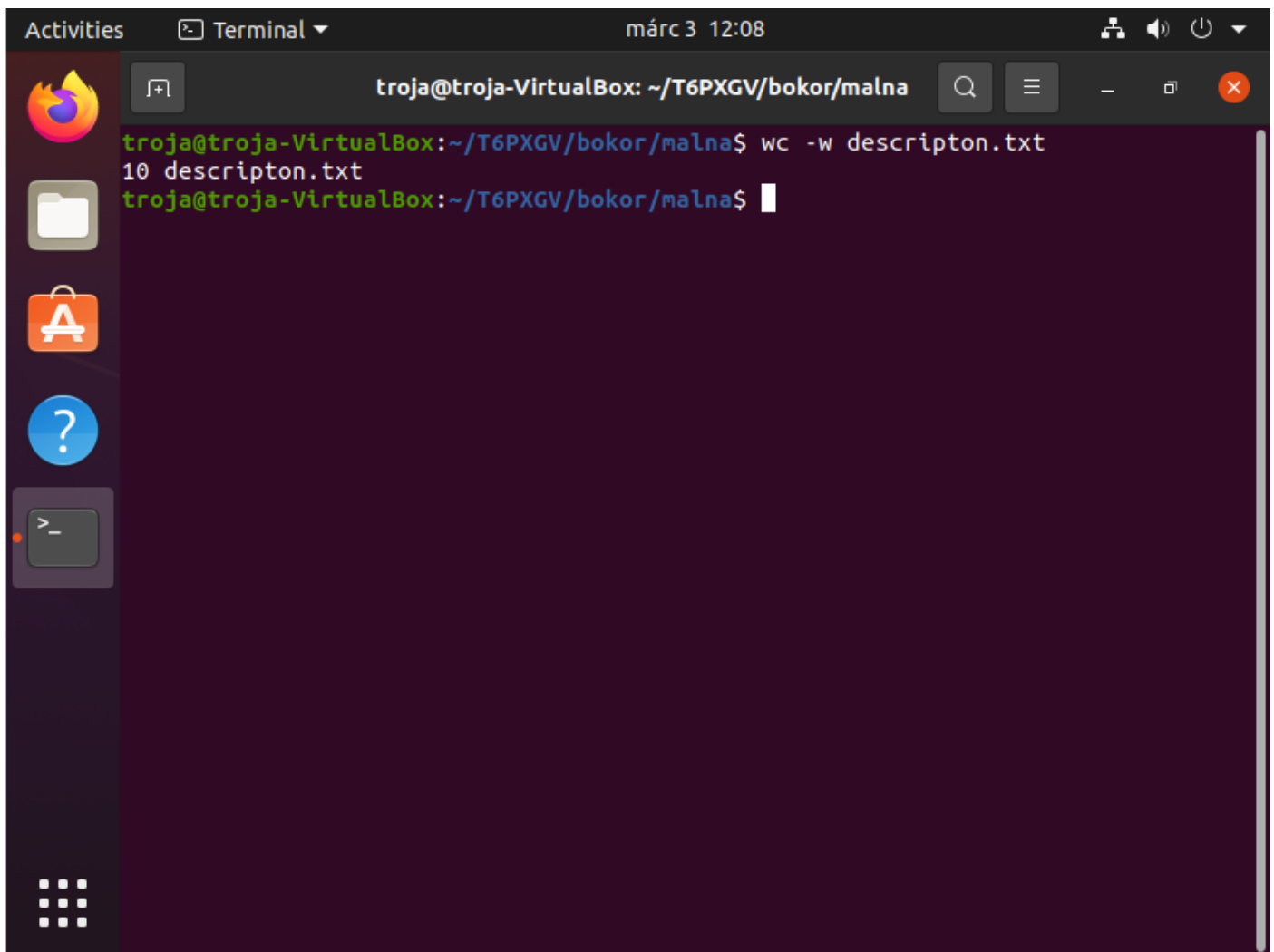
10.



A terminal window titled 'troja@troja-VirtualBox: ~/T6PXGV/fa' with a search bar and window controls. The terminal shows a sequence of commands: 'du -sh' (output: '52K .'), 'cd fa', 'cd listing' (error: 'bash: cd: listing: No such file or directory'), 'sort listing' (error: 'sort: cannot read: listing: No such file or directory'), and 'sort listing.txt' (output: 'Alma', 'Barack', 'Körte', 'Narancs', 'Szilva'). The prompt is 'troja@troja-VirtualBox:~/T6PXGV/fa\$'.

```
troja@troja-VirtualBox:~/T6PXGV$ du -sh
52K .
troja@troja-VirtualBox:~/T6PXGV$ cd fa
troja@troja-VirtualBox:~/T6PXGV/fa$ cd listing
bash: cd: listing: No such file or directory
troja@troja-VirtualBox:~/T6PXGV/fa$ sort listing
sort: cannot read: listing: No such file or directory
troja@troja-VirtualBox:~/T6PXGV/fa$ sort listing.txt
Alma
Barack
Körte
Narancs
Szilva
troja@troja-VirtualBox:~/T6PXGV/fa$
```

11.

A terminal window titled 'troja@troja-VirtualBox: ~/T6PXGV/bokor/malna' is shown. The window has a dark theme with a purple background. The terminal shows the command 'wc -w descripton.txt' being executed, which returns '10 descripton.txt'. The prompt 'troja@troja-VirtualBox:~/T6PXGV/bokor/malna\$' is visible at the bottom of the terminal output. The window's title bar includes 'Activities', 'Terminal', and the date/time 'márc 3 12:08'. The left sidebar contains icons for Firefox, Files, App Store, and a help icon. The bottom left corner has a grid icon for application switching.

```
troja@troja-VirtualBox: ~/T6PXGV/bokor/malna
troja@troja-VirtualBox:~/T6PXGV/bokor/malna$ wc -w descripton.txt
10 descripton.txt
troja@troja-VirtualBox:~/T6PXGV/bokor/malna$
```