

# **Operációs rendszerek BSc**

**3. Gyak.**

2022. 02. 21.

**Készítette:**

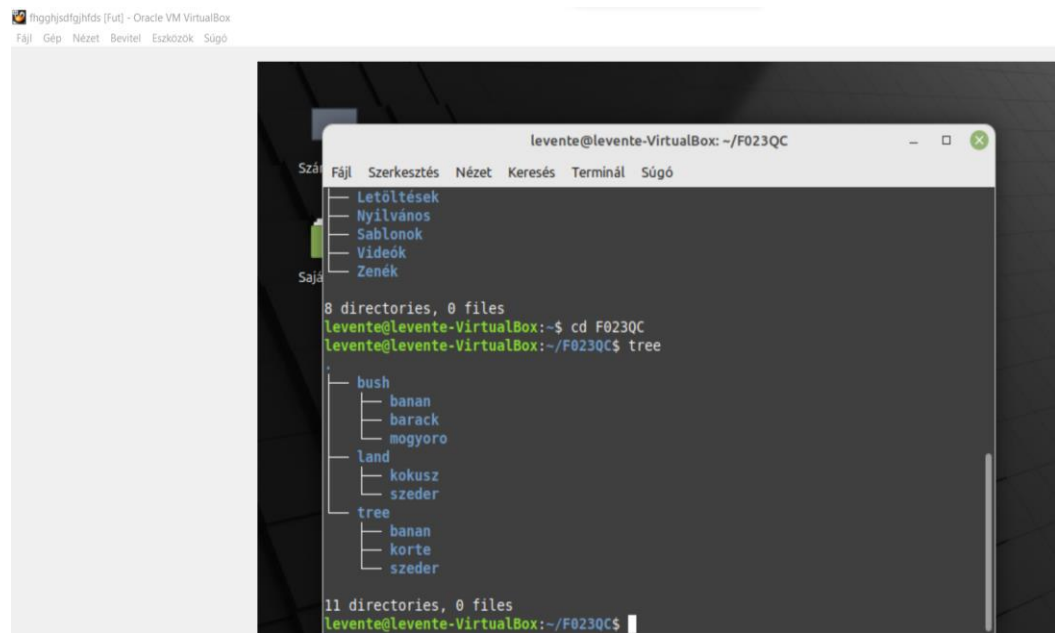
Nyíri Levente

Mérnökinformatikus

F023QC

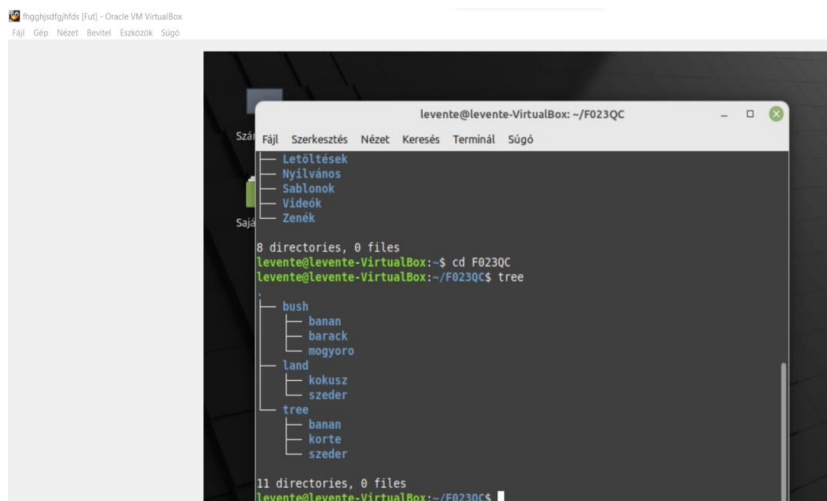
**Miskolc, 2022**

## 1. feladat

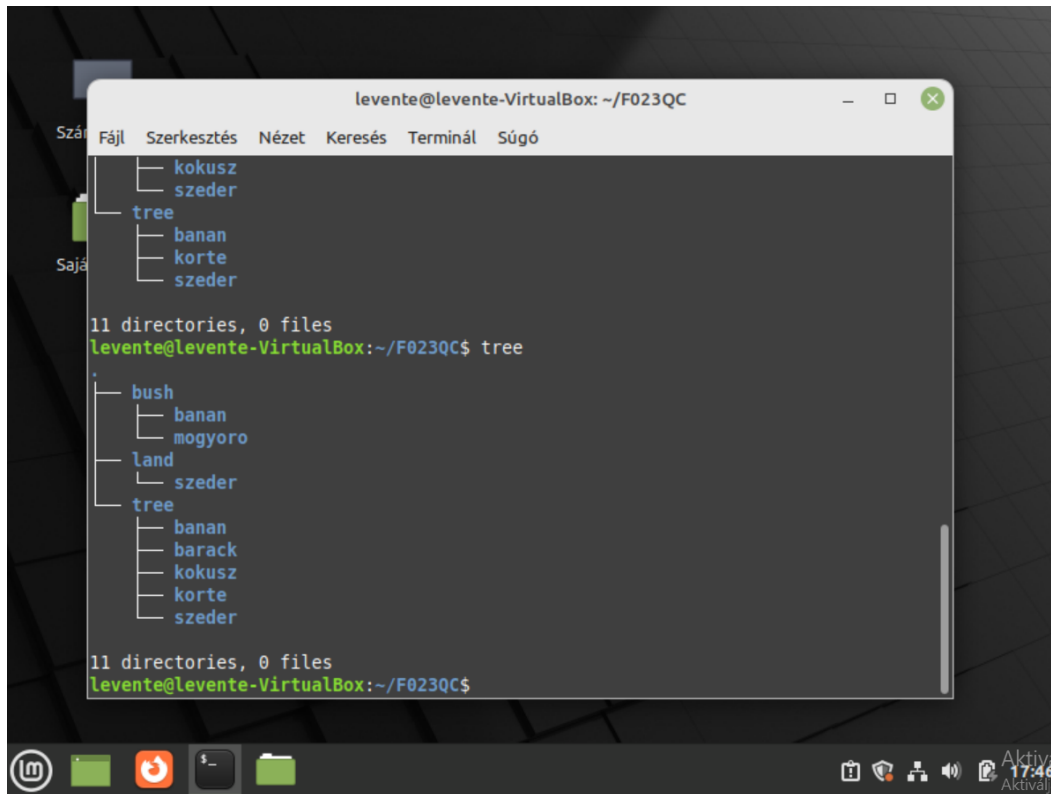


## 2.feladat – Készítsen másolatot: □

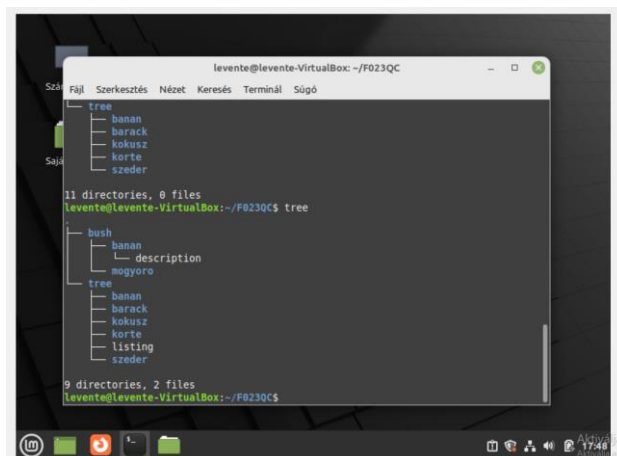
- a *neptunkod/land/szeder* katalógusról a *neptunkod/tree* katalógusba
- a *neptunkod/bush/banan* katalógusról a *neptunkod/tree* katalógusba



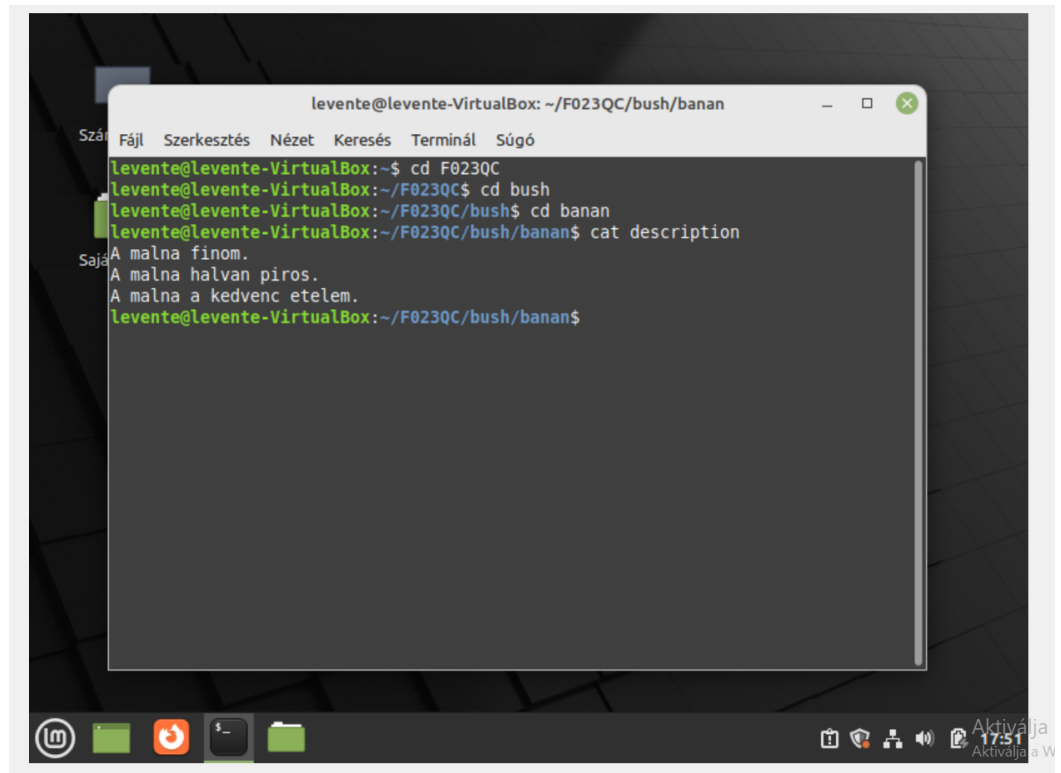
### 3. feladat – Végezze el a következő áthelyezéseket: □



### 4. feladat



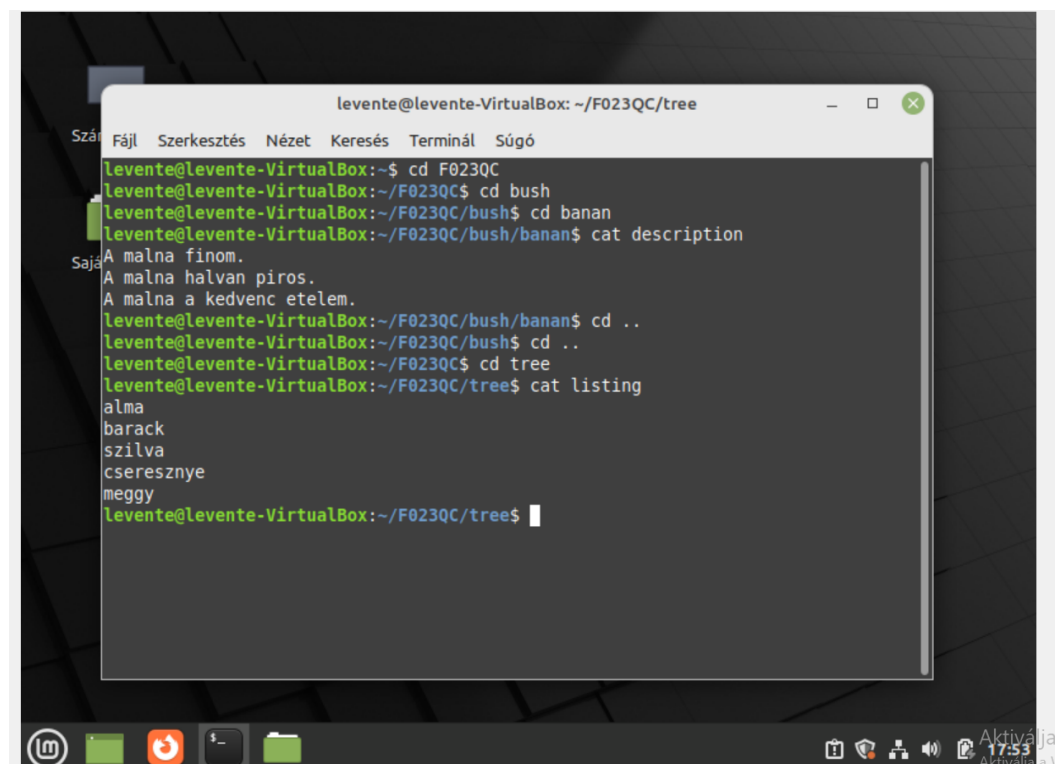
## 5. feladat –



A screenshot of a terminal window titled "levente@levente-VirtualBox: ~/F023QC/bush/banan". The window has a menu bar with "Fájl", "Szerkesztés", "Nézet", "Keresés", "Terminál", and "Súgó". The terminal shows the following commands and output:

```
levente@levente-VirtualBox:~$ cd F023QC
levente@levente-VirtualBox:~/F023QC$ cd bush
levente@levente-VirtualBox:~/F023QC/bush$ cd banan
levente@levente-VirtualBox:~/F023QC/bush/banan$ cat description
A malna finom.
A malna halvan piros.
A malna a kedvenc etelem.
levente@levente-VirtualBox:~/F023QC/bush/banan$
```

The background of the desktop shows a dark, abstract pattern. The taskbar at the bottom includes icons for a terminal, a folder, and a clock showing 17:51.

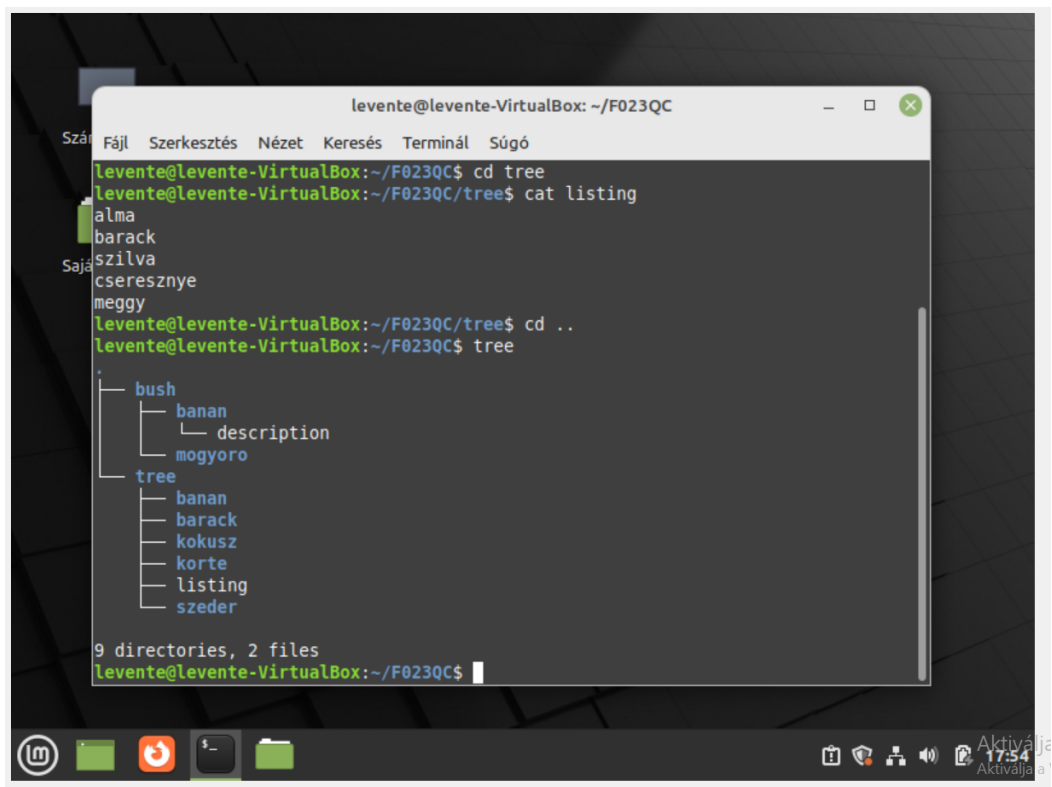


A screenshot of a terminal window titled "levente@levente-VirtualBox: ~/F023QC/tree". The window has a menu bar with "Fájl", "Szerkesztés", "Nézet", "Keresés", "Terminál", and "Súgó". The terminal shows the following commands and output:

```
levente@levente-VirtualBox:~$ cd F023QC
levente@levente-VirtualBox:~/F023QC$ cd bush
levente@levente-VirtualBox:~/F023QC/bush$ cd banan
levente@levente-VirtualBox:~/F023QC/bush/banan$ cat description
A malna finom.
A malna halvan piros.
A malna a kedvenc etelem.
levente@levente-VirtualBox:~/F023QC/bush/banan$ cd ..
levente@levente-VirtualBox:~/F023QC/bush$ cd ..
levente@levente-VirtualBox:~/F023QC$ cd tree
levente@levente-VirtualBox:~/F023QC/tree$ cat listing
alma
barack
szilva
cseresznye
meggy
levente@levente-VirtualBox:~/F023QC/tree$
```

The background of the desktop shows a dark, abstract pattern. The taskbar at the bottom includes icons for a terminal, a folder, and a clock showing 17:53.

## 6. feladat



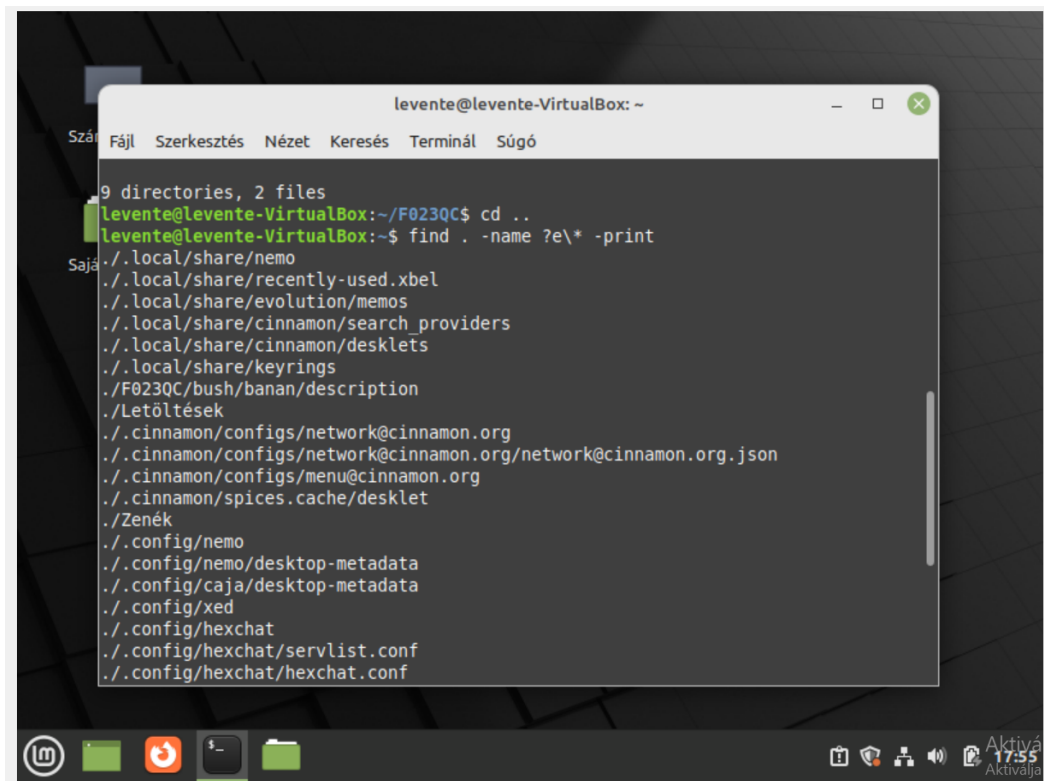
The screenshot shows a terminal window titled "levente@levente-VirtualBox: ~/F023QC". The terminal displays the following commands and output:

```
levente@levente-VirtualBox:~/F023QC$ cd tree
levente@levente-VirtualBox:~/F023QC/tree$ cat listing
alma
barack
szilva
cseresznye
meggy
levente@levente-VirtualBox:~/F023QC/tree$ cd ..
levente@levente-VirtualBox:~/F023QC$ tree
.
├── bush
│   ├── banan
│   │   └── description
│   └── mogyoro
└── tree
    ├── banan
    ├── barack
    ├── kokusz
    ├── korte
    ├── listing
    └── szeder

9 directories, 2 files
levente@levente-VirtualBox:~/F023QC$
```

The terminal window is part of a desktop environment. On the left, there is a sidebar with icons for "Szám" and "Saját". At the bottom, there is a taskbar with icons for a terminal, a folder, and a network connection. The system clock in the bottom right corner shows "17:54".

## 7. feladat



The screenshot shows a terminal window titled "levente@levente-VirtualBox: ~". The window has a menu bar with "Fájl", "Szerkesztés", "Nézet", "Keresés", "Terminál", and "Súgó". The terminal output shows the command "find . -name ?e\\* -print" and its results, which include various system and user directories and files. The desktop background is dark with a grid pattern. The taskbar at the bottom shows several icons, including a terminal icon, and a system tray on the right with a clock showing 17:55 and a date of 2023.09.01.

```
levente@levente-VirtualBox: ~  
9 directories, 2 files  
levente@levente-VirtualBox:~/F023QC$ cd ..  
levente@levente-VirtualBox:~$ find . -name ?e\* -print  
./local/share/nemo  
./local/share/recently-used.xbel  
./local/share/evolution/memos  
./local/share/cinnamon/search_providers  
./local/share/cinnamon/desklets  
./local/share/keyrings  
./F023QC/bush/banan/description  
./Letöltések  
./cinnamon/configs/network@cinnamon.org  
./cinnamon/configs/network@cinnamon.org/network@cinnamon.org.json  
./cinnamon/configs/menu@cinnamon.org  
./cinnamon/spices.cache/desklet  
./Zenék  
./config/nemo  
./config/nemo/desktop-metadata  
./config/caja/desktop-metadata  
./config/xed  
./config/hexchat  
./config/hexchat/servlist.conf  
./config/hexchat/hexchat.conf
```

## 8. feladat

```
chmod o+r listing.txt
```

## 9. feladat

```
levente@levente-VirtualBox:~/F023QC$ df -H  
Fájlrendszer Méret Fogl. Szab. Fo.% Csatol. pont  
udev          5,6G    0  5,6G    0% /dev  
tmpfs         1,2G  1,2M  1,2G    1% /run  
/dev/sda5     34G   8,7G   23G   28% /  
tmpfs         5,7G    0  5,7G    0% /dev/shm  
tmpfs         5,3M  4,1k  5,3M    1% /run/lock  
tmpfs         5,7G    0  5,7G    0% /sys/fs/cgroup  
/dev/sda1     536M  4,1k  536M    1% /boot/efi  
tmpfs         1,2G   33k  1,2G    1% /run/user/1000  
levente@levente-VirtualBox:~/F023QC$
```

## 10. feladat

```
levente@levente-VirtualBox:~/F023QC/tree$ sort listing
alma
barack
cseresznye
meggy
szilva
levente@levente-VirtualBox:~/F023QC/tree$
```

## 11. feladat –

```
levente@levente-VirtualBox:~/F023QC/tree$ cd ..
levente@levente-VirtualBox:~/F023QC$ cd bush
levente@levente-VirtualBox:~/F023QC/bush$ cd banan
levente@levente-VirtualBox:~/F023QC/bush/banan$ wc -w description
12 description
```

b)

