

# 1. Feladat

```
ati@ati-VirtualBox: ~  
File Edit View Search Terminal Help  
ati@ati-VirtualBox:~$ mkdir gyumolcs  
ati@ati-VirtualBox:~$ mkdir gyumolcs/fa | mkdir gyumolcs/fold | mkdir gyumolcs/bokor  
ati@ati-VirtualBox:~$ mkdir gyumolcs/fa/alma  
ati@ati-VirtualBox:~$ mkdir gyumolcs/fold/eper | mkdir gyumolcs/fold/gesztenye  
ati@ati-VirtualBox:~$ mkdir gyumolcs/bokor/malna | mkdir gyumolcs/bokor/mogyoro | mkdir gyumolcs/bokor/szilva  
ati@ati-VirtualBox:~$ find gyumolcs  
gyumolcs  
gyumolcs/bokor  
gyumolcs/bokor/malna  
gyumolcs/bokor/szilva  
gyumolcs/bokor/mogyoro  
gyumolcs/fold  
gyumolcs/fold/gesztenye  
gyumolcs/fold/eper  
gyumolcs/fa  
gyumolcs/fa/alma  
ati@ati-VirtualBox:~$
```

## 2. Feladat

```
ati@ati-VirtualBox: ~/gyumolcs/fa
File Edit View Search Terminal Help
ati@ati-VirtualBox:~$ mkdir gyumolcs
ati@ati-VirtualBox:~$ mkdir gyumolcs/fa | mkdir gyumolcs/fold | mkdir gyumolcs/bokor
ati@ati-VirtualBox:~$ mkdir gyumolcs/fa/alma
ati@ati-VirtualBox:~$ mkdir gyumolcs/fold/eper | mkdir gyumolcs/fold/gesztenye
ati@ati-VirtualBox:~$ mkdir gyumolcs/bokor/malna | mkdir gyumolcs/bokor/mogyoro | mkdir gyumolcs/bokor/szilva
ati@ati-VirtualBox:~$ find gyumolcs
gyumolcs
gyumolcs/bokor
gyumolcs/bokor/malna
gyumolcs/bokor/szilva
gyumolcs/bokor/mogyoro
gyumolcs/fold
gyumolcs/fold/gesztenye
gyumolcs/fold/eper
gyumolcs/fa
gyumolcs/fa/alma
ati@ati-VirtualBox:~$ cd gyumolcs
ati@ati-VirtualBox:~/gyumolcs$ cp -r fold/eper fa | cp -r bokor/malna fa
ati@ati-VirtualBox:~/gyumolcs$ cd fa
ati@ati-VirtualBox:~/gyumolcs/fa$ ls -l
total 12
drwxrwxr-x 2 ati ati 4096 Feb 24 18:26 alma
drwxrwxr-x 2 ati ati 4096 Feb 24 18:29 eper
drwxrwxr-x 2 ati ati 4096 Feb 24 18:29 malna
ati@ati-VirtualBox:~/gyumolcs/fa$
```

### 3. Feladat

```
ati@ati-VirtualBox: ~/gyumolcs
File Edit View Search Terminal Help
ati@ati-VirtualBox:~$ mkdir gyumolcs
ati@ati-VirtualBox:~$ mkdir gyumolcs/fa | mkdir gyumolcs/fold | mkdir gyumolcs/bokor
ati@ati-VirtualBox:~$ mkdir gyumolcs/fa/alma
ati@ati-VirtualBox:~$ mkdir gyumolcs/fold/eper | mkdir gyumolcs/fold/gesztenye
ati@ati-VirtualBox:~$ mkdir gyumolcs/bokor/malna | mkdir gyumolcs/bokor/mogyoro | mkdir gyumolcs/bokor/szilva
ati@ati-VirtualBox:~$ find gyumolcs
gyumolcs
gyumolcs/bokor
gyumolcs/bokor/malna
gyumolcs/bokor/szilva
gyumolcs/bokor/mogyoro
gyumolcs/fold
gyumolcs/fold/gesztenye
gyumolcs/fold/eper
gyumolcs/fa
gyumolcs/fa/alma
ati@ati-VirtualBox:~$ cd gyumolcs
ati@ati-VirtualBox:~/gyumolcs$ cp -r fold/eper fa | cp -r bokor/malna fa
ati@ati-VirtualBox:~/gyumolcs$ cd fa
ati@ati-VirtualBox:~/gyumolcs/fa$ ls -l
total 12
drwxrwxr-x 2 ati ati 4096 Feb 24 18:26 alma
drwxrwxr-x 2 ati ati 4096 Feb 24 18:29 eper
drwxrwxr-x 2 ati ati 4096 Feb 24 18:29 malna
ati@ati-VirtualBox:~/gyumolcs/fa$ cd ..
ati@ati-VirtualBox:~/gyumolcs$ mv bokor/szilva fa | mv fold/gesztenye fa
ati@ati-VirtualBox:~/gyumolcs$ ls -l fa
total 20
drwxrwxr-x 2 ati ati 4096 Feb 24 18:26 alma
drwxrwxr-x 2 ati ati 4096 Feb 24 18:29 eper
drwxrwxr-x 2 ati ati 4096 Feb 24 18:26 gesztenye
drwxrwxr-x 2 ati ati 4096 Feb 24 18:29 malna
drwxrwxr-x 2 ati ati 4096 Feb 24 18:27 szilva
ati@ati-VirtualBox:~/gyumolcs$
```

## 4. Feladat

```
ati@ati-VirtualBox: ~/gyumolcs
File Edit View Search Terminal Help
gyumolcs/bokor/szilva
gyumolcs/bokor/mogyoro
gyumolcs/fold
gyumolcs/fold/gesztenye
gyumolcs/fold/eper
gyumolcs/fa
gyumolcs/fa/alma
ati@ati-VirtualBox:~$ cd gyumolcs
ati@ati-VirtualBox:~/gyumolcs$ cp -r fold/eper fa | cp -r bokor/malna fa
ati@ati-VirtualBox:~/gyumolcs$ cd fa
ati@ati-VirtualBox:~/gyumolcs/fa$ ls -l
total 12
drwxrwxr-x 2 ati ati 4096 Feb 24 18:26 alma
drwxrwxr-x 2 ati ati 4096 Feb 24 18:29 eper
drwxrwxr-x 2 ati ati 4096 Feb 24 18:29 malna
ati@ati-VirtualBox:~/gyumolcs/fa$ cd ..
ati@ati-VirtualBox:~/gyumolcs$ mv bokor/szilva fa | mv fold/gesztenye fa
ati@ati-VirtualBox:~/gyumolcs$ ls -l fa
total 20
drwxrwxr-x 2 ati ati 4096 Feb 24 18:26 alma
drwxrwxr-x 2 ati ati 4096 Feb 24 18:29 eper
drwxrwxr-x 2 ati ati 4096 Feb 24 18:26 gesztenye
drwxrwxr-x 2 ati ati 4096 Feb 24 18:29 malna
drwxrwxr-x 2 ati ati 4096 Feb 24 18:27 szilva
ati@ati-VirtualBox:~/gyumolcs$ rm -r fold
ati@ati-VirtualBox:~/gyumolcs$ touch bokor/malna/leiras | touch fa/felsorolas
ati@ati-VirtualBox:~/gyumolcs$ find gyumolcs
find: 'gyumolcs': No such file or directory
ati@ati-VirtualBox:~/gyumolcs$ find
.
./bokor
./bokor/malna
./bokor/malna/leiras
./bokor/mogyoro
./fa
./fa/gesztenye
./fa/eper
./fa/felsorolas
./fa/malna
./fa/szilva
./fa/alma
ati@ati-VirtualBox:~/gyumolcs$
```

## 5. Feladat

```
ati@ati-VirtualBox: ~/gyumolcs
File Edit View Search Terminal Help
drwxrwxr-x 2 ati ati 4096 Feb 24 18:26 alma
drwxrwxr-x 2 ati ati 4096 Feb 24 18:29 eper
drwxrwxr-x 2 ati ati 4096 Feb 24 18:26 gesztenye
drwxrwxr-x 2 ati ati 4096 Feb 24 18:29 malna
drwxrwxr-x 2 ati ati 4096 Feb 24 18:27 szilva
ati@ati-VirtualBox:~/gyumolcs$ rm -r fold
ati@ati-VirtualBox:~/gyumolcs$ touch bokor/malna/leiras | touch fa/felsorolas
ati@ati-VirtualBox:~/gyumolcs$ find gyumolcs
find: 'gyumolcs': No such file or directory
ati@ati-VirtualBox:~/gyumolcs$ find
.
./bokor
./bokor/malna
./bokor/malna/leiras
./bokor/mogyoro
./fa
./fa/geztenye
./fa/eper
./fa/felsorolas
./fa/malna
./fa/szilva
./fa/alma
ati@ati-VirtualBox:~/gyumolcs$ cat > bokor/malna/leiras
A málna piros.
A málna édes.
A málna finom.
ati@ati-VirtualBox:~/gyumolcs$ cat > fa/felsorolas
Alma
Körte
Szilva
Cseresznye
Meggy
ati@ati-VirtualBox:~/gyumolcs$ more bokor/malna/leiras
A málna piros.
A málna édes.
A málna finom.
ati@ati-VirtualBox:~/gyumolcs$ more fa/felsorolas
Alma
Körte
Szilva
Cseresznye
Meggy
ati@ati-VirtualBox:~/gyumolcs$
```

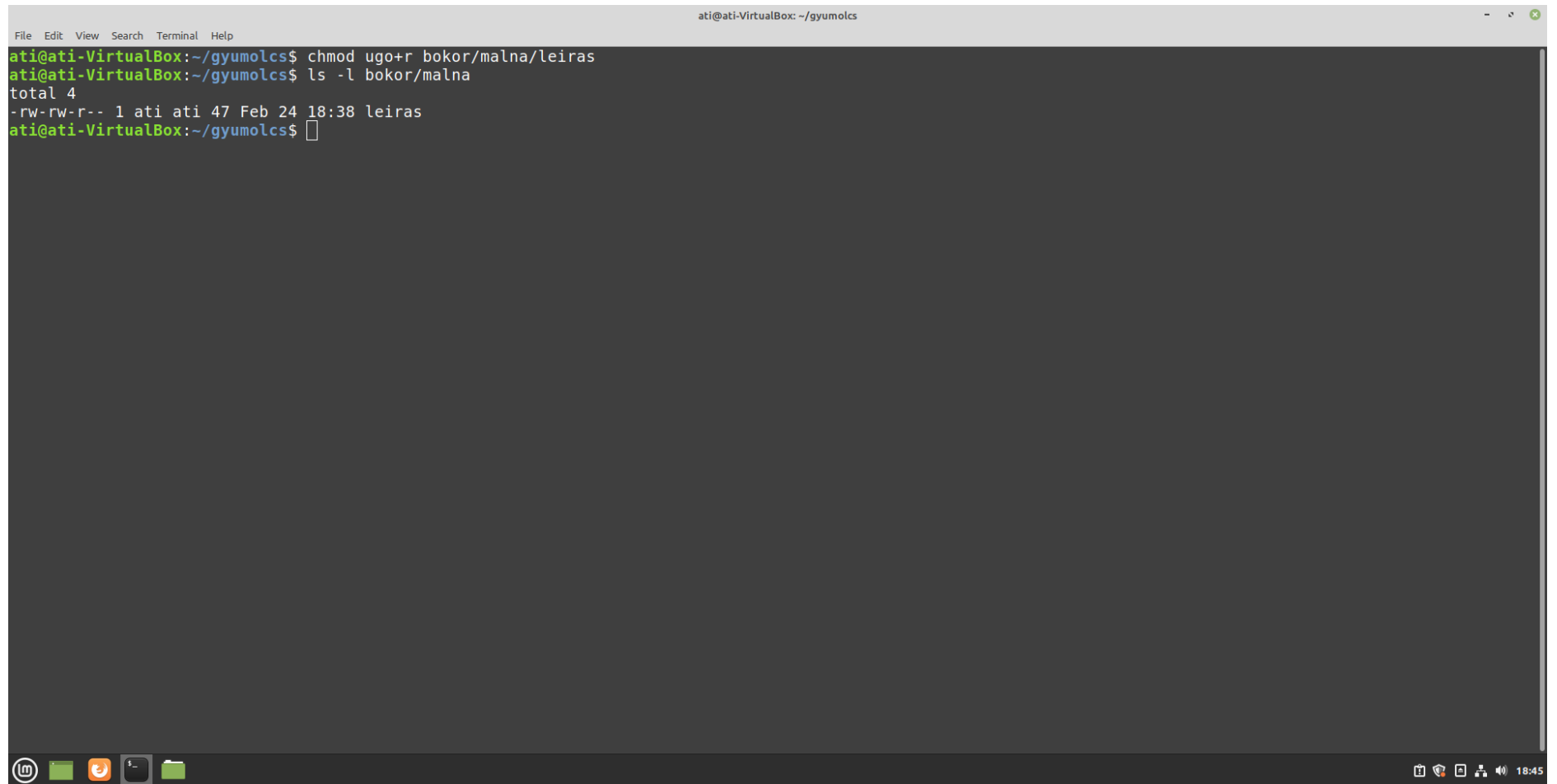
## 6. Feladat

```
ati@ati-VirtualBox: ~  
File Edit View Search Terminal Help  
./fa/gesztenye  
./fa/eper  
./fa/felsorolas  
./fa/malna  
./fa/szilva  
./fa/alma  
ati@ati-VirtualBox:~/gyumolcs$ cat > bokor/malna/leiras  
A malna piros.  
A malna edes.  
A malna finom. ati@ati-VirtualBox:~/gyumolcs$ cat > fa/felsorolas  
Alma  
Korte  
Szilva  
Cseresznye  
Meggy  
ati@ati-VirtualBox:~/gyumolcs$ more bokor/malna/leiras  
A malna piros.  
A malna edes.  
A malna finom.  
ati@ati-VirtualBox:~/gyumolcs$ more fa/felsorolas  
Alma  
Korte  
Szilva  
Cseresznye  
Meggy  
ati@ati-VirtualBox:~/gyumolcs$ cd ..  
ati@ati-VirtualBox:~$ find gyumolcs  
gyumolcs  
gyumolcs/bokor  
gyumolcs/bokor/malna  
gyumolcs/bokor/malna/leiras  
gyumolcs/bokor/mogyoro  
gyumolcs/fa  
gyumolcs/fa/gesztenye  
gyumolcs/fa/eper  
gyumolcs/fa/felsorolas  
gyumolcs/fa/malna  
gyumolcs/fa/szilva  
gyumolcs/fa/alma  
ati@ati-VirtualBox:~$ pwd  
/home/ati  
ati@ati-VirtualBox:~$
```

## 7. Feladat

```
File Edit View Search Terminal Help
ati@ati-VirtualBox: /home
gyumolcs/fa/eper
gyumolcs/fa/felsorolas
gyumolcs/fa/malna
gyumolcs/fa/szilva
gyumolcs/fa/alma
ati@ati-VirtualBox:~$ pwd
/home/ati
ati@ati-VirtualBox:~$ cd ..
ati@ati-VirtualBox:/home$ pwd
/home
ati@ati-VirtualBox:/home$ find . -name "?e*"
./ati/.cinnamon/configs/menu@cinnamon.org
./ati/.cinnamon/configs/network@cinnamon.org
./ati/.cinnamon/configs/network@cinnamon.org/network@cinnamon.org.json
./ati/.cache/evolution/memos
./ati/gyumolcs/bokor/malna/leiras
./ati/gyumolcs/fa/gesztenye
./ati/gyumolcs/fa/felsorolas
./ati/Templates
./ati/.local/share/flatpak/repo
./ati/.local/share/flatpak/repo/refs
./ati/.local/share/flatpak/repo/refs/remotes
./ati/.local/share/flatpak/repo/refs/heads
./ati/.local/share/cinnamon/search_providers
./ati/.local/share/cinnamon/desklets
./ati/.local/share/nemo
./ati/.local/share/recently-used.xbel
./ati/.local/share/evolution/memos
./ati/.local/share/keyrings
./ati/Desktop
./ati/.config/menus
./ati/.config/caja/desktop-metadata
./ati/.config/nemo
./ati/.config/nemo/desktop-metadata
./ati/.config/hexchat
./ati/.config/hexchat/hexchat.conf
./ati/.config/hexchat/servlist.conf
ati@ati-VirtualBox:/home$
```

## 8. Feladat



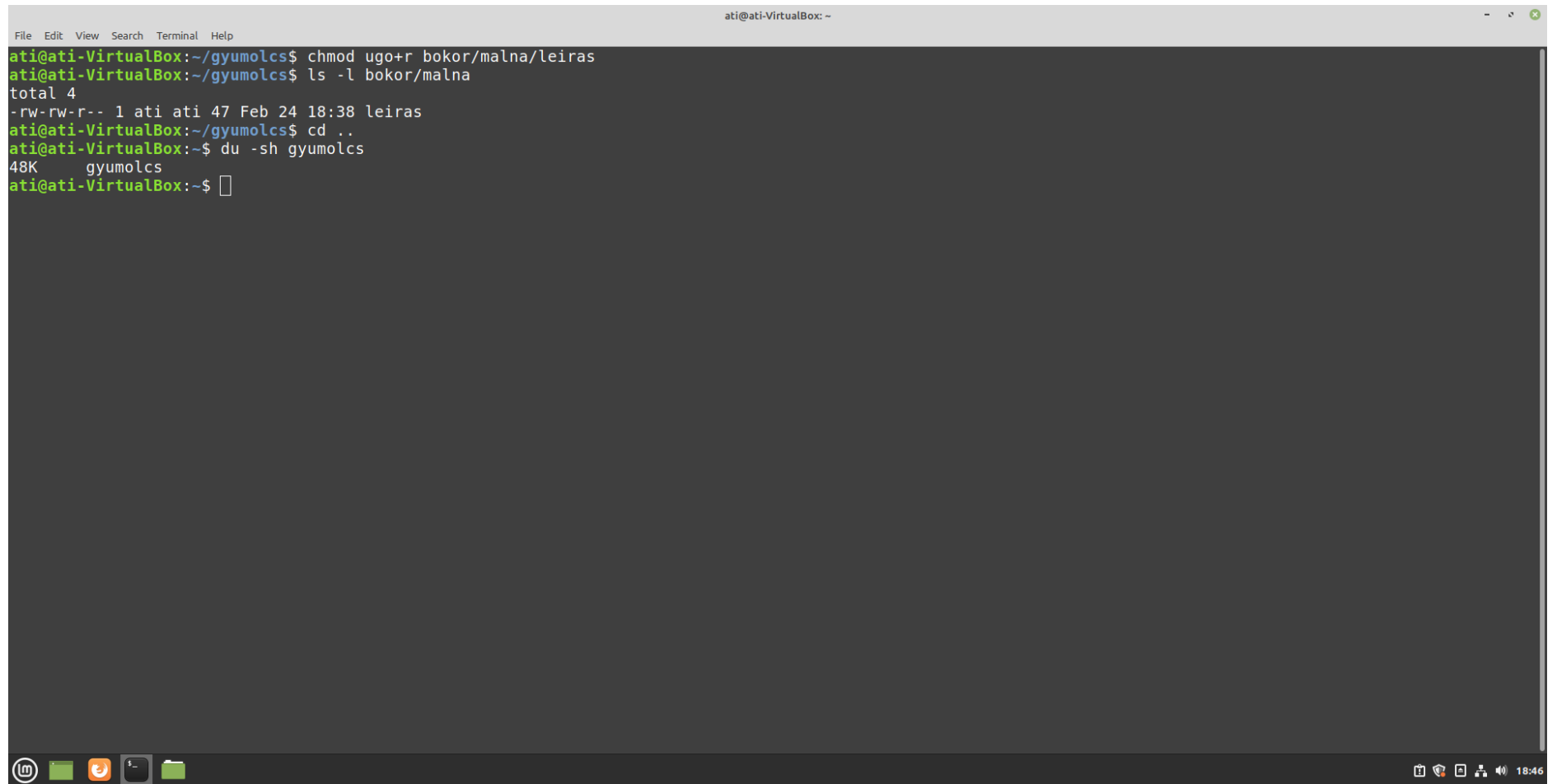
The image shows a terminal window titled "ati@ati-VirtualBox: ~/gyumolcs". The terminal output is as follows:

```
ati@ati-VirtualBox:~/gyumolcs$ chmod ugo+r bokor/malna/leiras
ati@ati-VirtualBox:~/gyumolcs$ ls -l bokor/malna
total 4
-rw-rw-r-- 1 ati ati 47 Feb 24 18:38 leiras
ati@ati-VirtualBox:~/gyumolcs$
```

The terminal window has a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". The bottom status bar shows system icons and the time "18:45".



## 9. Feladat



```
ati@ati-VirtualBox: ~  
File Edit View Search Terminal Help  
ati@ati-VirtualBox:~/gyumolcs$ chmod ugo+r bokor/malna/leiras  
ati@ati-VirtualBox:~/gyumolcs$ ls -l bokor/malna  
total 4  
-rw-rw-r-- 1 ati ati 47 Feb 24 18:38 leiras  
ati@ati-VirtualBox:~/gyumolcs$ cd ..  
ati@ati-VirtualBox:~$ du -sh gyumolcs  
48K    gyumolcs  
ati@ati-VirtualBox:~$
```

The screenshot shows a terminal window titled "ati@ati-VirtualBox: ~". The window has a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". The terminal content shows a series of commands and their outputs:   
1. `ati@ati-VirtualBox:~/gyumolcs$ chmod ugo+r bokor/malna/leiras`  
2. `ati@ati-VirtualBox:~/gyumolcs$ ls -l bokor/malna` outputs `total 4` and `-rw-rw-r-- 1 ati ati 47 Feb 24 18:38 leiras`  
3. `ati@ati-VirtualBox:~/gyumolcs$ cd ..`  
4. `ati@ati-VirtualBox:~$ du -sh gyumolcs` outputs `48K gyumolcs`  
The prompt `ati@ati-VirtualBox:~$` is followed by a cursor. The bottom of the window shows a taskbar with icons for a web browser, a file manager, and a terminal, along with system status icons and the time `18:46`.

## 10. Feladat

```
ati@ati-VirtualBox: ~/gyumolcs
File Edit View Search Terminal Help
ati@ati-VirtualBox:~/gyumolcs$ chmod ugo+r bokor/malna/leiras
ati@ati-VirtualBox:~/gyumolcs$ ls -l bokor/malna
total 4
-rw-rw-r-- 1 ati ati 47 Feb 24 18:38 leiras
ati@ati-VirtualBox:~/gyumolcs$ cd ..
ati@ati-VirtualBox:~$ du -sh gyumolcs
48K    gyumolcs
ati@ati-VirtualBox:~$ cd gyumolcs
ati@ati-VirtualBox:~/gyumolcs$ sort bokor/malna/leiras
A málna édes.
A málna finom.
A málna piros.
ati@ati-VirtualBox:~/gyumolcs$ more bokor/malna/leiras
A málna piros.
A málna édes.
A málna finom.
ati@ati-VirtualBox:~/gyumolcs$
```

# 11. Feladat

```
ati@ati-VirtualBox: ~/gyumolcs
File Edit View Search Terminal Help
total 4
-rw-rw-r-- 1 ati ati 47 Feb 24 18:38 leiras
ati@ati-VirtualBox:~/gyumolcs$ cd ..
ati@ati-VirtualBox:~$ du -sh gyumolcs
48K    gyumolcs
ati@ati-VirtualBox:~$ cd gyumolcs
ati@ati-VirtualBox:~/gyumolcs$ sort bokor/malna/leiras
A málna édes.
A málna finom.
A málna piros.
ati@ati-VirtualBox:~/gyumolcs$ more bokor/malna/leiras
A málna piros.
A málna édes.
A málna finom.
ati@ati-VirtualBox:~/gyumolcs$ wc -w fa/leiras
wc: fa/leiras: No such file or directory
ati@ati-VirtualBox:~/gyumolcs$ find
.
./bokor
./bokor/malna
./bokor/malna/leiras
./bokor/mogyoro
./fa
./fa/gesztenye
./fa/eper
./fa/felsorolas
./fa/malna
./fa/szilva
./fa/alma
ati@ati-VirtualBox:~/gyumolcs$ wc -w fa/felsorolas
5 fa/felsorolas
ati@ati-VirtualBox:~/gyumolcs$ more fa/felsorolas
Alma
Körte
Szilva
Cseresznye
Meggy
ati@ati-VirtualBox:~/gyumolcs$
```