

# Jegyzőkönyv Operációs rendszerek

## 3. gyakorlat

1.feladat

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HVS05V  
ge-BGI

```
elegemvan@elegemvan: ~  
ls -R | grep ":$" | sed -e 's:/$/ /' -e 's/[^-][^\\/]*/-/g' -e 's/^/ /' -e 's/-/|/'  
root@elegemvan:/home/elegemvan/Desktop# ls  
commands.txt HZS05V0sGyak  
root@elegemvan:/home/elegemvan/Desktop# cd HZS05V0sGyak/  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak# ls  
HZS05V_0208 README.md  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak# mkdir HZS05V_0214  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak# cd HZS05V_0214/  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# mkdir {bokor,fa,land}  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# ls  
bokor fa land  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214/bokor# mkdir {banan,mogyoro,barack}  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214/bokor# cd ..  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# cd fa  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214/fa# mkdir korte  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214/fa# cd ..  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# cd land  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214/land# mkdir {szeder,kokusz}  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214/land# cd..  
bash: cd.: command not found  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214/land# cd..  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# ls -R | grep ":$" | sed -e 's:/$/ /' -e 's/[^-][^\\/]*/-/g' -e 's/^/ /' -e 's/-/|/'  
|-bokor  
|---banan  
|---barack  
|---mogyoro  
|-fa  
|---korte  
|-land  
|---kokusz  
|---szeder  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214#
```

```
elegemvan@elegemvan: ~  
| ---kokusz  
| ---szeder  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# rm fa/mogyoro/  
rm: cannot remove 'fa/mogyoro/': Is a directory  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# rm -r fa/mogyoro/  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# rm -r fa/szeder/  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# ls -R | grep ":@" | sed -e 's/:$//' -e 's/[^-][  
^\/*\/*/--/g' -e 's/^/  /' -e 's/-/|/'  
|  
|-bokor  
| ---banan  
| ---barack  
| ---mogyoro  
|-fa  
| ---korte  
|-land  
| ---kokusz  
| ---szeder  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# cp -r land/szeder/ bokor/banan/ fa/  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# ls -R | grep ":@" | sed -e 's/:$//' -e 's/[^-][  
^\/*\/*/--/g' -e 's/^/  /' -e 's/-/|/'  
|  
|-bokor  
| ---banan  
| ---barack  
| ---mogyoro  
|-fa  
| ---banan  
| ---korte  
| ---szeder  
|-land  
| ---kokusz  
| ---szeder  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214#
```

```
|---szeder
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# cp -r land/szeder/ bokor/banan/ fa/
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# ls -R | grep ":@" | sed -e 's:/:$/ ' -e 's/[^-][
^\\/*\\/--/g' -e 's/^/ /' -e 's/-/|/'
.
|-bokor
|---banan
|---barack
|---mogyoro
|-fa
|---banan
|---korte
|---szeder
|-land
|---kokusz
|---szeder
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# mv -v bokor/barack/ land/kokusz/ fa/
renamed 'bokor/barack/' -> 'fa/barack'
renamed 'land/kokusz/' -> 'fa/kokusz'
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# ls -R | grep ":@" | sed -e 's:/:$/ ' -e 's/[^-][
^\\/*\\/--/g' -e 's/^/ /' -e 's/-/|/'
.
|-bokor
|---banan
|---mogyoro
|-fa
|---banan
|---barack
|---kokusz
|---korte
|---szeder
|-land
|---szeder
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214#
```

```
elegemvan@elegemvan: ~  
| ---szeder  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# mv -v bokor/barack/ land/kokusz/ fa/  
renamed 'bokor/barack/' -> 'fa/barack'  
renamed 'land/kokusz/' -> 'fa/kokusz'  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# ls -R | grep ":@" | sed -e 's/:$//' -e 's/[^-][  
^\\/*\\/--/g' -e 's/^/ /' -e 's/-/|/'  
|  
|-bokor  
|---banan  
|---mogyoro  
|-fa  
|---banan  
|---barack  
|---kokusz  
|---korte  
|---szeder  
|-land  
|---szeder  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# rm -r land/  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# touch bokor/banan/leiras.txt  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# touch fa/felsorolas.txt  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# ls -R | grep ":@" | sed -e 's/:$//' -e 's/[^-][  
^\\/*\\/--/g' -e 's/^/ /' -e 's/-/|/'  
|  
|-bokor  
|---banan  
|---mogyoro  
|-fa  
|---banan  
|---barack  
|---kokusz  
|---korte  
|---szeder  
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214#
```





elegemvan@elegemvan: ~



```
Preparing to unpack .../git_1%3a2.30.2-1_amd64.deb ...
```

```
Unpacking git (1:2.30.2-1) ...
```

```
Setting up liberror-perl (0.17029-1) ...
```

```
Setting up git-man (1:2.30.2-1) ...
```

```
Setting up git (1:2.30.2-1) ...
```

```
Processing triggers for man-db (2.9.4-2) ...
```

```
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# git pull --ff-only
```

```
Updating 3a9db64..e0e8882
```

```
Fast-forward
```

```
 HZS05V_0214/fa/felsorolas.txt | 6 ++++++
```

```
 1 file changed, 6 insertions(+)
```

```
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# cat fa/felsorolas.txt
```

```
Csőre Margaréta
```

```
Zavarkó Máté
```

```
Szabó Martin
```

```
Siska Dávid
```

```
Balázs Tamás
```

```
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# cat bokor/banan/leiras.txt
```

```
barack
```

```
barack
```

```
barack
```

```
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214#
```



View the files of your repository in your File Manager

```
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# find . | sed -e "s/[^\[\^\/]*\\// |g" -e "s/\[([^\ ]\)\]/|\1/"
```

```
| -fa
| | -szeder
| | -korte
| | -kokusz
| | -barack
| | -felsorolas.txt
| | -banan
| -bokor
| | -mogyoró
| | -banan
| | | -leiras.txt
```

```
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214#
```





```
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# man find
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# find -iname pattern '?e*'
find: paths must precede expression: `?e*'
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# find -iname '?e*'
./fa/felsorolas.txt
./bokor/banan/leiras.txt
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214# chmod 777 fa/felsorolas.txt
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak/HZS05V_0214#
```

```
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak# du -sch HZS05V_0214/
48K      HZS05V_0214/
48K      total
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak#
```

elegemvan@elegemvan: ~



```
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak# sort HZS05V_0214/fa/felsorolas.txt
Balázs Tamás
Csőre Margaréta
Siska Dávid
Szabó Martin
Zavarkó Máté
root@elegemvan:/home/elegemvan/Desktop/HZS05V0sGyak#
```

11. Számolja meg a  
description file-ban  
szereplő szavakat.

elegemvan@elegemvan: ~/Desktop/HZS05V0sGyak...



```
elegemvan@elegemvan:~/Desktop/HZS05V0sGyak/HZS05V_0214$ wc -w bokor/banan/leiras
.txt
3 bokor/banan/leiras.txt
elegemvan@elegemvan:~/Desktop/HZS05V0sGyak/HZS05V_0214$
```