# Operációs rendszerek BSc
# 2. Gyak.

## 2022. 02. 16.

**Készítette:**

Nagy Máté   Bsc
Szak Programtervező informatikus
Neptunkód U3ROFS

**Miskolc, 2022**

## 1.feladat

**a) mkdir parancsal gitbashel létrehoztam a mappákat// Windows md**

```
Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$ mkdir bokor

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$ mkdir fa

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$ mkdir land

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$ cd bokor

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/bokor (main)
$ mkdir banan

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/bokor (main)
$ mkdir mogyoro

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/bokor (main)
$ mkdir barack

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/bokor (main)
$ cd -
/c/Users/Máté/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$ cd fa

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/fa (main)
$ mkdir korte

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/fa (main)
$ cd -
/c/Users/Máté/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$ cd land

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/land (main)
$ mkdir szeder

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/land (main)
$ mkdir kokusz

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/land (main)
$ cd -
/c/Users/Máté/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216

Máté@DESKTOP-2B5OPUQ MINGW64 ~/Desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$
```

 b)

Átmásoltam a két mappát a cp -r parancsal **// Windows xcopy /t**

```
Máté@DESKTOP-2B5OPUQ MINGW64 ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$ cp -r ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/land/szeder ~/desktop/desk/repo/U3ROF
S_0216/fa/
```

```
Máté@DESKTOP-2B5OPUQ MINGW64 ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$ cp -r ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/bokor/banan ~/desktop/desk/repo/U3ROFSOsGyak/U3ROF
S_0216/fa/
```

 c) az mv paranccsal áthelyeztem a következő mappákat **// Windows move**

```
Máté@DESKTOP-2B5OPUQ MINGW64 ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$ mv ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/bokor/barack ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_
0216/fa/
```

```
Máté@DESKTOP-2B5OPUQ MINGW64 ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$ mv ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/land/kokusz ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0
216/fa/
```

d) az rmdir parancsar töröltem a land mappát az alábbi módon //Windows rmdir

```
Máté@DESKTOP-2B5OPUQ MINGW64 ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$ rmdir ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/land/szeder

Máté@DESKTOP-2B5OPUQ MINGW64 ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216 (main)
$ rmdir ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/land
```

Illetve létrehoztam az alábbi fájlokat a cat parancsal a következő .txt
állományokat//Windows type null > *txt

```
Máté@DESKTOP-2B5OPUQ MINGW64 ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/fa/banan (main)
$ cat > leiras.txt
```

```
Máté@DESKTOP-2B5OPUQ MINGW64 ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/fa (main)
$ cat > felsorolas.txt
```

e) Az átirányítás operátor > és az echo segítségével írtam a txt fileokba a
szövegeket//Windows ugyanígy

```
Máté@DESKTOP-2B5OPUQ MINGW64 ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/fa/banan (main)
$ echo -e "Sárga \nKicsi \nEheto"
Sárga
Kicsi
Eheto
```

```
Máté@DESKTOP-2B5OPUQ MINGW64 ~/desktop/desk/repo/U3ROFSOsGyak/U3ROFS_0216/fa (main)
$ echo -e "SVanda \nKevin \nKristof \nViktor \nMatyi" > felsorolas.txt
```

f) CMD-ben a TREE parancsal kilistáztam a mappa tartalmát

```
C:\Users\Máté>TREE C:\Users\Máté\Desktop\Desk\repo\U3ROFSOsGyak\U3ROFS_0216
Folder PATH listing
Volume serial number is BA95-EDF1
C:\USERS\MÁTÉ\DESKTOP\DESK\REPO\U3ROFSOSGYAK\U3ROFS_0216
├───bokor
│   ├───banan
│   └───mogyoro
└───fa
    ├───banan
    ├───barack
    ├───kokusz
    ├───korte
    └───szeder
```

g) e-vel kezdődő karakterek listázása

```
C:\Users\Máté\Desktop\Desk>cd repo

C:\Users\Máté\Desktop\Desk\repo>cd U3ROFSOsGyak

C:\Users\Máté\Desktop\Desk\repo\U3ROFSOsGyak>cd U3ROFS_0216

C:\Users\Máté\Desktop\Desk\repo\U3ROFSOsGyak\U3ROFS_0216>dir /s "?e*"
 Volume in drive C has no label.
 Volume Serial Number is BA95-EDF1

 Directory of C:\Users\Máté\Desktop\Desk\repo\U3ROFSOsGyak\U3ROFS_0216\bokor\banan

2022. 02. 16.  11:41                  4 leiras.txt
               1 File(s)              4 bytes

 Directory of C:\Users\Máté\Desktop\Desk\repo\U3ROFSOsGyak\U3ROFS_0216\fa

2022. 02. 16.  12:15                 38 felsorolas.txt
               1 File(s)             38 bytes

 Directory of C:\Users\Máté\Desktop\Desk\repo\U3ROFSOsGyak\U3ROFS_0216\fa\banan

2022. 02. 16.  12:11                 21 leiras.txt
               1 File(s)             21 bytes

     Total Files Listed:
               3 File(s)             63 bytes
               0 Dir(s)  384 154 750 976 bytes free

C:\Users\Máté\Desktop\Desk\repo\U3ROFSOsGyak\U3ROFS_0216>S
```
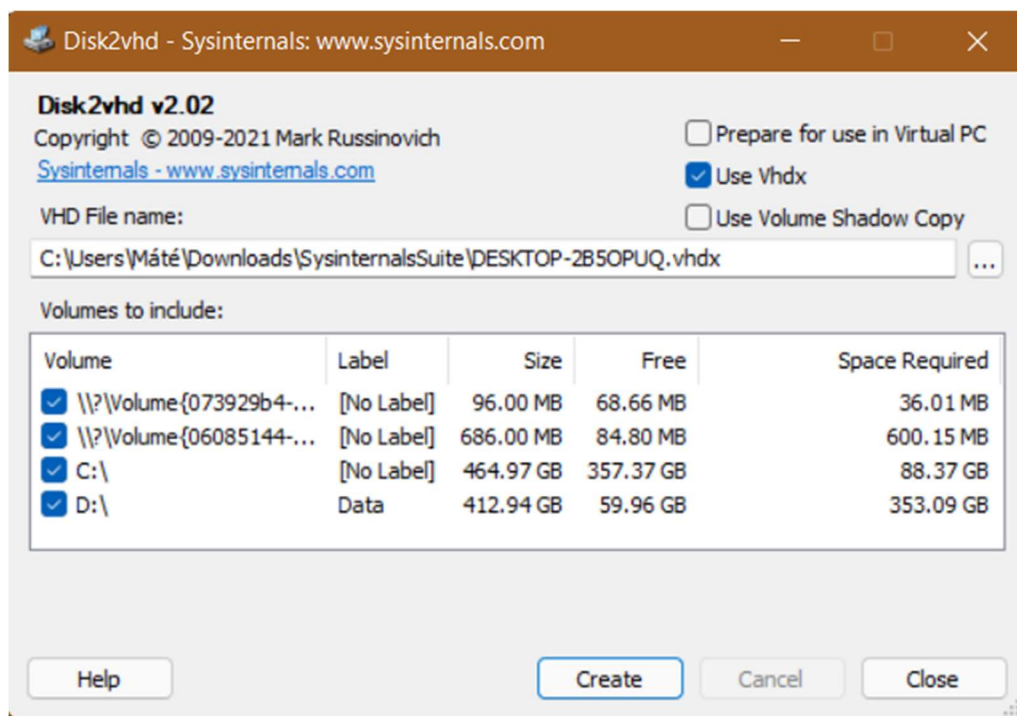
h)icacls parancsal jogosultságot adtam a file olvasására

```
C:\Windows\system32>icacls C:\Users\Máté\Desktop\Desk\repo\U3ROFSOsGyak\U3ROFS_0216\fa\felsorolas.txt /grant Mindenki:r
processed file: C:\Users\Máté\Desktop\Desk\repo\U3ROFSOsGyak\U3ROFS_0216\fa\felsorolas.txt
Successfully processed 1 files; Failed processing 0 files
```

i)dir paranccsal kiírattam a mappa méretét

j) sort paranccsal rendeztem a file tartalmát
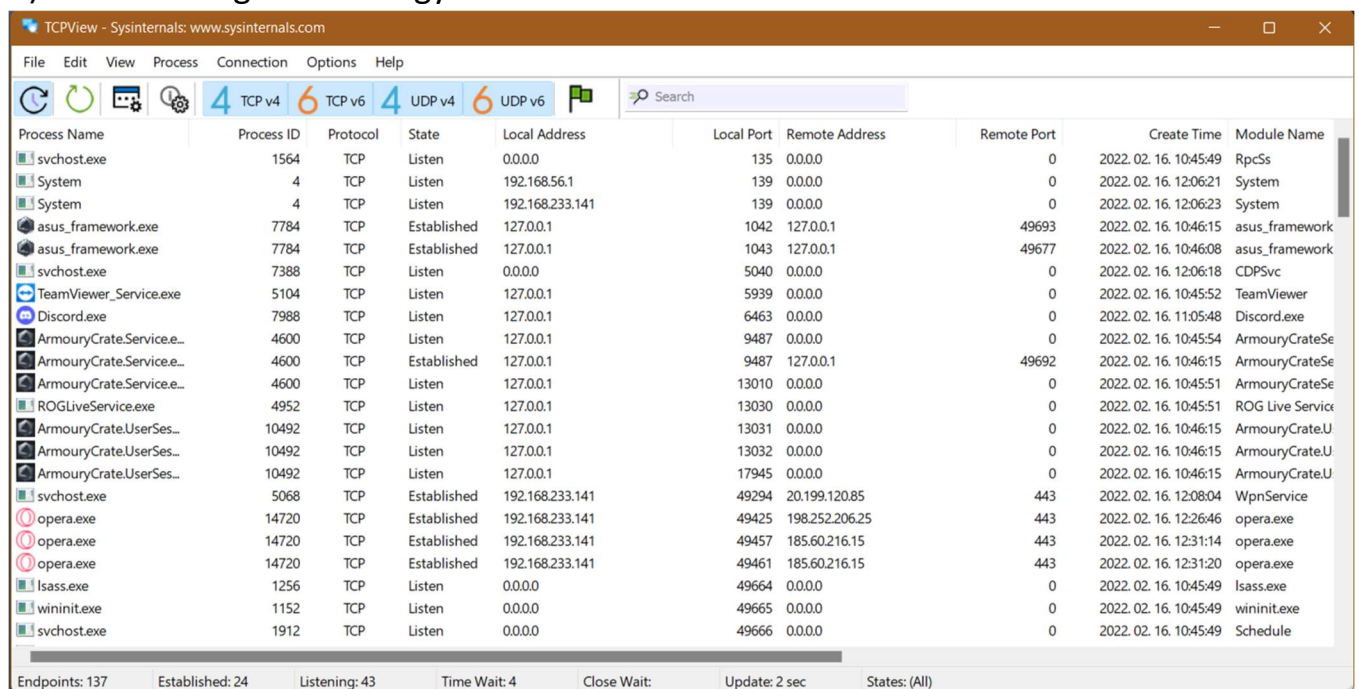


**2. feladat**

a)Ez másolja a meghajtómat egy fájlba

b)A hálózat forgalmamat figyeli



c) a processzor kihasználtságát ill a processzek erőforrás igényét méri

d) a bejelentkezési adatokat írja ki

```
[0] Logon session 00000000:000003e7:
    User name:      WORKGROUP\DESKTOP-2B5OPUQ$
    Auth package: NTLM
    Logon type:     (none)
    Session:        0
    Sid:            S-1-5-18
    Logon time:     2022. 02. 17. 14:16:18
    Logon server:
    DNS Domain:
    UPN:

[1] Logon session 00000000:000118c0:
    User name:
    Auth package: NTLM
    Logon type:     (none)
    Session:        0
    Sid:            (none)
    Logon time:     2022. 02. 17. 14:16:18
    Logon server:
    DNS Domain:
    UPN:

[2] Logon session 00000000:00011da4:
    User name:      Font Driver Host\UMFD-0
    Auth package: Negotiate
    Logon type:     Interactive
    Session:        0
    Sid:            S-1-5-96-0-0
    Logon time:     2022. 02. 17. 14:16:18
    Logon server:
    DNS Domain:
    UPN:

[3] Logon session 00000000:00012142:
    User name:      Font Driver Host\UMFD-1
    Auth package: Negotiate
    Logon type:     Interactive
    Session:        1
    Sid:            S-1-5-96-0-1
    Logon time:     2022. 02. 17. 14:16:18
    Logon server:
    DNS Domain:
    UPN:

[4] Logon session 00000000:000003e5:
    User name:      NT AUTHORITY\HELYI SZOLG⊥LTAT⊥S
    Auth package: Negotiate
    Logon type:     Service
    Session:        0
    Sid:            S-1-5-19
    Logon time:     2022. 02. 17. 14:16:18
    Logon server:
    DNS Domain:
    UPN:

[5] Logon session 00000000:000003e4:
    User name:      WORKGROUP\DESKTOP-2B5OPUQ$
    Auth package: Negotiate
    Logon type:     Service
    Session:        0
    Sid:            S-1-5-20
    Logon time:     2022. 02. 17. 14:16:18
    Logon server:
    DNS Domain:
    UPN:
```
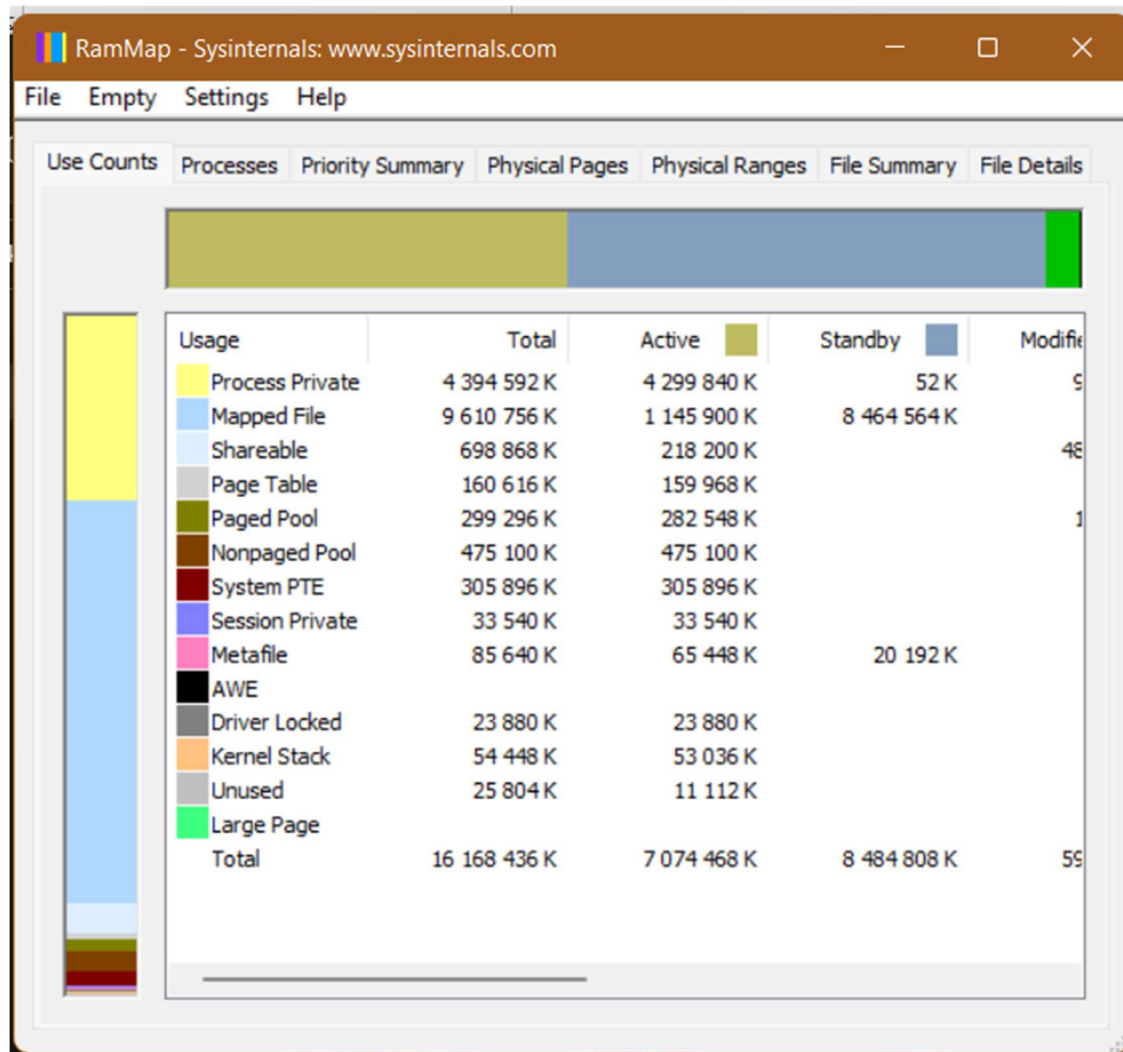
e) Ram kihasználtságot figyeli



3.feladat

a)

b)

| PI | Ordinal ^ | Hint | Function | Entry Point | |
|---|---|---|---|---|---|
| O# | 8 (0x0008) | N/A | N/A | Not Bound | |
| C | N/A | 20 (0x0014) | CsrAllocateCaptureBuffer | Not Bound | |
| C | N/A | 21 (0x0015) | CsrAllocateMessagePointer | Not Bound | |
| C | N/A | 22 (0x0016) | CsrCaptureMessageBuffer | Not Bound | |
| C | N/A | 23 (0x0017) | CsrCaptureMessageMultiUnicodeStringsInPlace | Not Bound | |
| C | N/A | 26 (0x001A) | CsrClientCallServer | Not Bound | |
| C | N/A | 27 (0x001B) | CsrClientConnectToServer | Not Bound | |

| E | Ordinal ^ | Hint | Function | Entry Point | |
|---|---|---|---|---|---|
| O# | 8 (0x0008) | N/A | N/A | 0x00084BF0 | |
| C | 9 (0x0009) | 0 (0x0000) | A_SHAFinal | 0x00012AF0 | |
| C | 10 (0x000A) | 1 (0x0001) | A_SHAInit | 0x00012C20 | |
| C | 11 (0x000B) | 2 (0x0002) | A_SHAUpdate | 0x00012C60 | |
| C | 12 (0x000C) | 3 (0x0003) | AlpcAdjustCompletionListConcurrencyCount | 0x000EBCC0 | |
| C | 13 (0x000D) | 4 (0x0004) | AlpcFreeCompletionListMessage | 0x00074880 | |