

Operációs rendszerek BSc

1. Gyak.

2022. 02. 16.

Készítette:

Varga Bence

GEIK

CKFEC9

Miskolc, 2022

1. feladat – mappa szerkezet létrehozása

```
C:\Users\TEMP.IIT.001>cd ckfec9

C:\Users\TEMP.IIT.001\ckfec9>md bokor

C:\Users\TEMP.IIT.001\ckfec9>md fa

C:\Users\TEMP.IIT.001\ckfec9>md land

C:\Users\TEMP.IIT.001\ckfec9>cd bokor

C:\Users\TEMP.IIT.001\ckfec9\bokor>md banan

C:\Users\TEMP.IIT.001\ckfec9\bokor>mb mogyoro
'mb' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\TEMP.IIT.001\ckfec9\bokor>md mogyoro

C:\Users\TEMP.IIT.001\ckfec9\bokor>md barack

C:\Users\TEMP.IIT.001\ckfec9\bokor>cd C:\Users\TEMP.IIT.001\ckfec9\

C:\Users\TEMP.IIT.001\ckfec9>cd fa

C:\Users\TEMP.IIT.001\ckfec9\fa>md korte

C:\Users\TEMP.IIT.001\ckfec9\fa>cd C:\Users\TEMP.IIT.001\ckfec9\

C:\Users\TEMP.IIT.001\ckfec9>cd land

C:\Users\TEMP.IIT.001\ckfec9\land>md szeder

C:\Users\TEMP.IIT.001\ckfec9\land>md kokusz

C:\Users\TEMP.IIT.001\ckfec9\land>cd C:\Users\TEMP.IIT.001\ckfec9\

C:\Users\TEMP.IIT.001\ckfec9>dir
Volume in drive C is Windows 10
Volume Serial Number is D4A7-7617

Directory of C:\Users\TEMP.IIT.001\ckfec9

2022. 02. 16. 14:32 <DIR>      .
2022. 02. 16. 14:32 <DIR>      ..
2022. 02. 16. 14:32 <DIR>      bokor
2022. 02. 16. 14:34 <DIR>      fa
2022. 02. 16. 14:34 <DIR>      land
                0 File(s)        0 bytes
                5 Dir(s)  70 693 261 312 bytes free

C:\Users\TEMP.IIT.001\ckfec9>
```

2. feladat – copy

```
C:\Users\TEMP.IIT.001>cd C:\Users\TEMP.IIT.001\ckfec9
C:\Users\TEMP.IIT.001\ckfec9>xcopy C:\Users\TEMP.IIT.001\ckfec9\land C:\Users\TEMP.IIT.001\ckfec9\fa /T /E
C:\Users\TEMP.IIT.001\ckfec9>xcopy C:\Users\TEMP.IIT.001\ckfec9\bokor C:\Users\TEMP.IIT.001\ckfec9\fa /T /E
C:\Users\TEMP.IIT.001\ckfec9>
```

3. feladat – Áthelyezés (Access denied – pedig áthelyezte)

```
C:\Users\TEMP.IIT.001\ckfec9>move C:\Users\TEMP.IIT.001\ckfec9\bokor\barack C:\Users\TEMP.IIT.001\ckfec9\fa
Overwrite C:\Users\TEMP.IIT.001\ckfec9\fa\barack? (Yes/No/All): yes
Access is denied.

C:\Users\TEMP.IIT.001\ckfec9>move C:\Users\TEMP.IIT.001\ckfec9\land\kokusz C:\Users\TEMP.IIT.001\ckfec9\fa
Overwrite C:\Users\TEMP.IIT.001\ckfec9\fa\kokusz? (Yes/No/All): yes
Access is denied.

C:\Users\TEMP.IIT.001\ckfec9>
```

4. feladat – törlés

```
C:\Users\TEMP.IIT.001\ckfec9>rd C:\Users\TEMP.IIT.001\ckfec9\land\kokusz
C:\Users\TEMP.IIT.001\ckfec9>rd C:\Users\TEMP.IIT.001\ckfec9\land\szeder
C:\Users\TEMP.IIT.001\ckfec9>
```

5. feladat – txt létrehozás/írás

```
C:\Users\TEMP.IIT.001\ckfec9>cd bokor
C:\Users\TEMP.IIT.001\ckfec9\bokor>cd banan
C:\Users\TEMP.IIT.001\ckfec9\bokor\banan>copy con leiras.txt
egsdgk sdlg ogk

^Z
1 file(s) copied.

C:\Users\TEMP.IIT.001\ckfec9\bokor\banan>cd C:\Users\TEMP.IIT.001\ckfec9
C:\Users\TEMP.IIT.001\ckfec9>copy con felsorolas.txt
asf asf saf saf saf saf
^Z
1 file(s) copied.

C:\Users\TEMP.IIT.001\ckfec9>
```

6. feladat – lista

```
C:\Users\TEMP.IIT.001\ckfec9>dir /S
Volume in drive C is Windows 10
Volume Serial Number is D4A7-7617

Directory of C:\Users\TEMP.IIT.001\ckfec9

2022. 02. 16. 15:16 <DIR> .
2022. 02. 16. 15:16 <DIR> ..
2022. 02. 16. 14:32 <DIR> bokor
2022. 02. 16. 14:57 <DIR> fa
2022. 02. 16. 15:16 25 felsorolas.txt
                  1 File(s)          25 bytes

Directory of C:\Users\TEMP.IIT.001\ckfec9\bokor

2022. 02. 16. 14:32 <DIR> .
2022. 02. 16. 14:32 <DIR> ..
2022. 02. 16. 15:15 <DIR> banan
2022. 02. 16. 14:32 <DIR> barack
2022. 02. 16. 14:32 <DIR> mogyoro
                  0 File(s)          0 bytes

Directory of C:\Users\TEMP.IIT.001\ckfec9\bokor\banan

2022. 02. 16. 15:15 <DIR> .
2022. 02. 16. 15:15 <DIR> ..
2022. 02. 16. 15:15 22 leiras.txt
                  1 File(s)          22 bytes

Directory of C:\Users\TEMP.IIT.001\ckfec9\bokor\barack

2022. 02. 16. 14:32 <DIR> .
2022. 02. 16. 14:32 <DIR> ..
                  0 File(s)          0 bytes

Directory of C:\Users\TEMP.IIT.001\ckfec9\bokor\mogyoro

2022. 02. 16. 14:32 <DIR> .
2022. 02. 16. 14:32 <DIR> ..
                  0 File(s)          0 bytes

Directory of C:\Users\TEMP.IIT.001\ckfec9\fa

2022. 02. 16. 14:57 <DIR> .
2022. 02. 16. 14:57 <DIR> ..
2022. 02. 16. 14:32 <DIR> banan
2022. 02. 16. 14:32 <DIR> barack
2022. 02. 16. 14:34 <DIR> kokusz
2022. 02. 16. 14:56 <DIR> korte
2022. 02. 16. 14:32 <DIR> mogyoro
2022. 02. 16. 14:34 <DIR> szeder
                  0 File(s)          0 bytes

Directory of C:\Users\TEMP.IIT.001\ckfec9\fa\banan

2022. 02. 16. 14:32 <DIR> .
2022. 02. 16. 14:32 <DIR> ..
                  0 File(s)          0 bytes

Directory of C:\Users\TEMP.IIT.001\ckfec9\fa\barack
```

7. feladat – keres

```
C:\Users\TEMP.IIT.001\ckfec9>dir ? e*
Volume in drive C is Windows 10
Volume Serial Number is D4A7-7617

Directory of C:\Users\TEMP.IIT.001\ckfec9

2022. 02. 16.  15:16    <DIR>          .
2022. 02. 16.  15:16    <DIR>          ..

Directory of C:\Users\TEMP.IIT.001\ckfec9

                0 File(s)                0 bytes
                2 Dir(s)  70 674 194 432 bytes free

C:\Users\TEMP.IIT.001\ckfec9>
```

8. feladat – Read grant

```
C:\Users\TEMP.IIT.001\ckfec9>icacls C:\Users\TEMP.IIT.001\ckfec9\felsorolas.txt /grant everyone:R
processed file: C:\Users\TEMP.IIT.001\ckfec9\felsorolas.txt
Successfully processed 1 files; Failed processing 0 files

C:\Users\TEMP.IIT.001\ckfec9>
```

9. feladat – size

```
C:\Users\TEMP.IIT.001\ckfec9>dir C:\Users\TEMP.IIT.001\ckfec9
Volume in drive C is Windows 10
Volume Serial Number is D4A7-7617

Directory of C:\Users\TEMP.IIT.001\ckfec9

2022. 02. 16.  15:16    <DIR>          .
2022. 02. 16.  15:16    <DIR>          ..
2022. 02. 16.  14:32    <DIR>          bokor
2022. 02. 16.  14:57    <DIR>          fa
2022. 02. 16.  15:16                25 felsorolas.txt
                1 File(s)                25 bytes
                4 Dir(s)  70 675 591 168 bytes free

C:\Users\TEMP.IIT.001\ckfec9>
```

10. feladat – rendezés

```
C:\Users\TEMP.IIT.001\ckfec9>sort felsorolas.txt
asd
fgh
jkl

C:\Users\TEMP.IIT.001\ckfec9>sort felsorolas.txt /O
Invalid switch.

C:\Users\TEMP.IIT.001\ckfec9>sort felsorolas.txt /O felsorolas.txt

C:\Users\TEMP.IIT.001\ckfec9>type felsorolas.txt
asd
fgh
jkl

C:\Users\TEMP.IIT.001\ckfec9>
```

11. feladat – Appok

Disk2vhd v2.02
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www.sysinternals.com

☐ Prepare for use in Virtual PC
☒ Use Vhdx
☐ Use Volume Shadow Copy

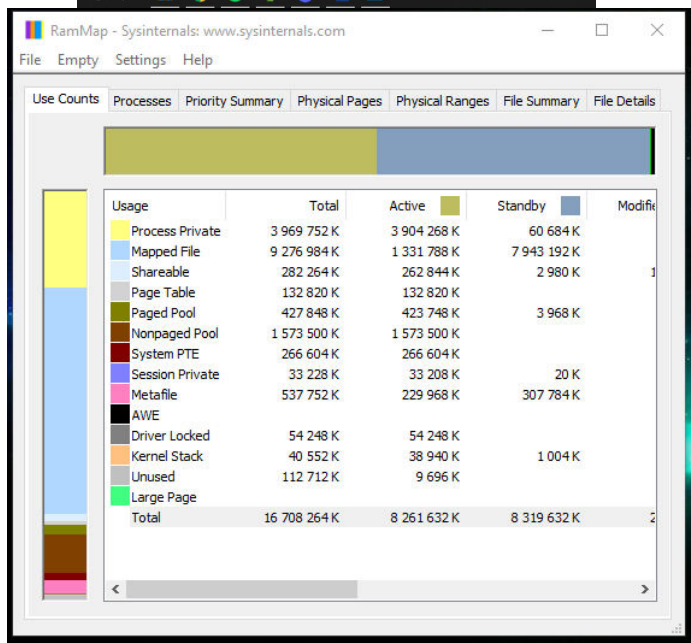
VHD File name:
C:\Users\varbendi\Desktop\Új mappa\DESKTOP-UAPRSN5.vhdx

Volumes to include:

Volume	Label	Size	Free	Space Required
<input checked="" type="checkbox"/> \\?\Volume{a7fa413a-...	Helyreállítás	450.00 MB	136.34 MB	316.08 MB
<input checked="" type="checkbox"/> C:\	C	464.70 GB	243.89 GB	209.66 GB
<input checked="" type="checkbox"/> D:\	D	146.48 GB	110.34 GB	36.26 GB
<input checked="" type="checkbox"/> F:\	F	1716.53 GB	925.84 GB	791.79 GB

Help Create Cancel Close

Windows Explorer window showing the contents of the Desktop folder, displaying various files and folders, including Desktop Background, Desktop Icon Group, Desktop Shortcut, Desktop Wallpaper, and Desktop Background.



Everything	Logon	Explore...	Internet Explorer	Scheduled Tasks...	Services...	Drivers...	Codescs...	Boot Execute	Image Hijacks	Appinit	Known DLLs	Virus Total
Autostarts Entry												
Logon												
HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Run												
48com.squall.net.Teams	Microsoft Teams Update	(Verified)	Microsoft 3rd Party Appl...	C:\Users\wabendi\AppData\Local\Microsoft\Teams\Update.exe	Sun Feb 13 17:10:26 2022							
Discord	Discord	(Verified)	Discord Inc.	C:\Program Files\Discord\Updater\Updater.exe	Sat Jan 15 09:22:27 2022							
EADM	Origin	(Verified)	Electronic Arts, Inc.	C:\Program Files (x86)\Origin\Origin.exe	Mon May 24 14:27:50 2021							
EpicGamesLauncher	Epic Games Launcher	(Verified)	Epic Games Inc.	C:\Program Files (x86)\Epic Games\Launcher\Portal\Binaries\Win64\EpicGamesLauncher.exe	Sun Jan 17 21:47:28 2021							
FACEIT	FACE IT UNLIMITED	(Verified)	FACE IT UNLIMITED	C:\Program Files\FACE IT UNLIMITED\FACE IT UNLIMITED.exe	Sun Jan 17 21:39:57 2021							
Gyration	GyStation	(Verified)	Nata, Inc.	C:\Program Files (x86)\GyStation\GyStation.exe	Tue May 24 14:42:21 2021							
LGHUB	LGHUB	(Verified)	Logitech Inc.	C:\Program Files\LGHUB\Lghub.exe	Tue Nov 17 01:28:18 2020							
Parsec.App	Parsec	(Verified)	Parsec Cloud, Inc.	C:\Program Files\Parsec\parsec.exe	Sat Feb 19 08:07:08 2022							
Spotify	Spotify	(Verified)	Spotify AB	C:\Users\wabendi\AppData\Roaming\Spotify\Spotify.exe	Mon Oct 4 18:05:20 2021							
Steam	Steam	(Verified)	Valve Corp.	C:\Program Files (x86)\Steam\steam.exe	Fri Feb 18 16:04:54 2022							
uTorrent	uTorrent	(Verified)	Bittorrent Inc.	C:\Users\wabendi\AppData\Roaming\uTorrent\uTorrent.exe	Sun Jan 16 18:41:28 2022							
vTorrent	vTorrent	(Verified)	Bittorrent Inc.	C:\Users\wabendi\AppData\Roaming\vTorrent\vTorrent.exe	Sun Feb 13 09:16:16 2022							
HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Run												
Riot Vanguard	Vanguard tray notification.	(Verified)	Riot Games, Inc.	C:\Program Files\Riot Vanguard\vgtray.exe	Sun Feb 13 02:16:16 2022							
SteelSeriesGG	SteelSeries Application	(Not Verified)	SteelSeries	C:\WINDOWS\system32\cmd.exe	Fri Jan 21 19:09:59 2022							
SteelSeriesGG	SteelSeries GG	(Verified)	SteelSeries ApS	C:\Program Files\SteelSeries\GG\SteelSeriesGG.exe	Wed Aug 12 16:06:06 2009							
HKLM\SYSTEM\CurrentControlSet\Control\SecurityProviders\SCHNAP\logonsave.exe												
cmd.exe	Windows Command Processor	(Verified)	Microsoft Windows	C:\WINDOWS\system32\cmd.exe	Mon Feb 14 18:53:24 2022							
HKLM\SOFTWARE\Microsoft\Active Setup\Installed Components												
Google Chrome	Google Chrome Installer	(Verified)	Google LLC	C:\Program File\Google\Chrome\Application\98.0.4758.102\Installer\... C:\Program Files (x86)\Google\Chrome\Application\98.0.4758.102\Installer\...	Sat Dec 7 10:15:08 2019							
Microsoft Edge	Microsoft Edge Installer	(Verified)	Microsoft Corporation	C:\Program Files (x86)\Microsoft Edge\Application\98.0.1108.55\install... C:\Program Files (x86)\Microsoft Edge\Application\98.0.1108.55\install...	Sat Apr 19 16:45:59 2021							
n/a	MICROSOFT .NET IE SECURITY REGISTRATION	(Verified)	Microsoft Corporation	C:\WINDOWS\System32\mscors.dll	Fri Feb 18 07:12:17 2022							
HKLM\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Run												
CameraMonitorApplication	CameraMonitor Application	(Not Verified)	Sonic	C:\WINDOWS\system32\cmd.exe	Sat Dec 7 10:10:05 2019							
Java Update Scheduler	Java Update Scheduler	(Verified)	Oracle America, Inc.	C:\Program Files (x86)\Common Files\Java\Java Update\juche.exe	Sat Apr 19 16:45:59 2021							
tangzuc	tangzuc Microsoft	(Not Verified)	Sonic Technology Co., Ltd.	C:\Program Files (x86)\Common Files\SNP\2V3\Tangzuc.exe	Wed Aug 12 16:06:06 2009							
HKLM\SOFTWARE\Wow6432Node\Microsoft\Active Setup\Installed Components												
n/a	MICROSOFT .NET IE SECURITY REGISTRATION	(Verified)	Microsoft Corporation	C:\WINDOWS\System32\mscors.dll	Sat Sep 7 18:55:12 2011							
C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Startup												
Killer Network Manager.lnk	Killer Network Manager	(Verified)	Rivet Networks LLC	C:\Program Files\Killer Networking\Network Manager\NetworkManager.exe	Mon Apr 19 16:45:59 2021							
Internet Explorer												
HKLM\Software\Microsoft\Windows\CurrentVersion\Explorer\Browser Helper Objects												
iEEdge-BHO	iEEdge-BHO	(Verified)	Microsoft Corporation	C:\Program Files (x86)\Microsoft Edge\Application\98.0.1108.55\BHO\IEEdge-BHO.dll	Sun Nov 28 21:53:53 2021							
Skype for Business Browser Helper	Skype for Business Browser Helper	(Verified)	Microsoft Corporation	C:\Program Files\Skype\Business\OfficeClient\OfficeClientHelp.dll	Tue Apr 15 23:48:23 2022							
Jaxvnm1 Plug-In SSV Helper	Java(TM) Platform SE binary	(Verified)	Oracle America, Inc.	C:\Program Files\Java\jre1.8_0.201\bin\javaw.dll	Sun Feb 13 21:25:13 2022							
Jaxvnm1 Plug-In 2 SSV Helper	Java(TM) Platform SE binary	(Verified)	Oracle America, Inc.	C:\Program Files\Java\jre1.8_0.201\bin\jav2sw.dll	Tue Apr 15 20:05:36 2021							
HKLM\Software\Microsoft\Internet Explorer\Extensions												

