

# **Operációs Rendszerek BSc 2.**

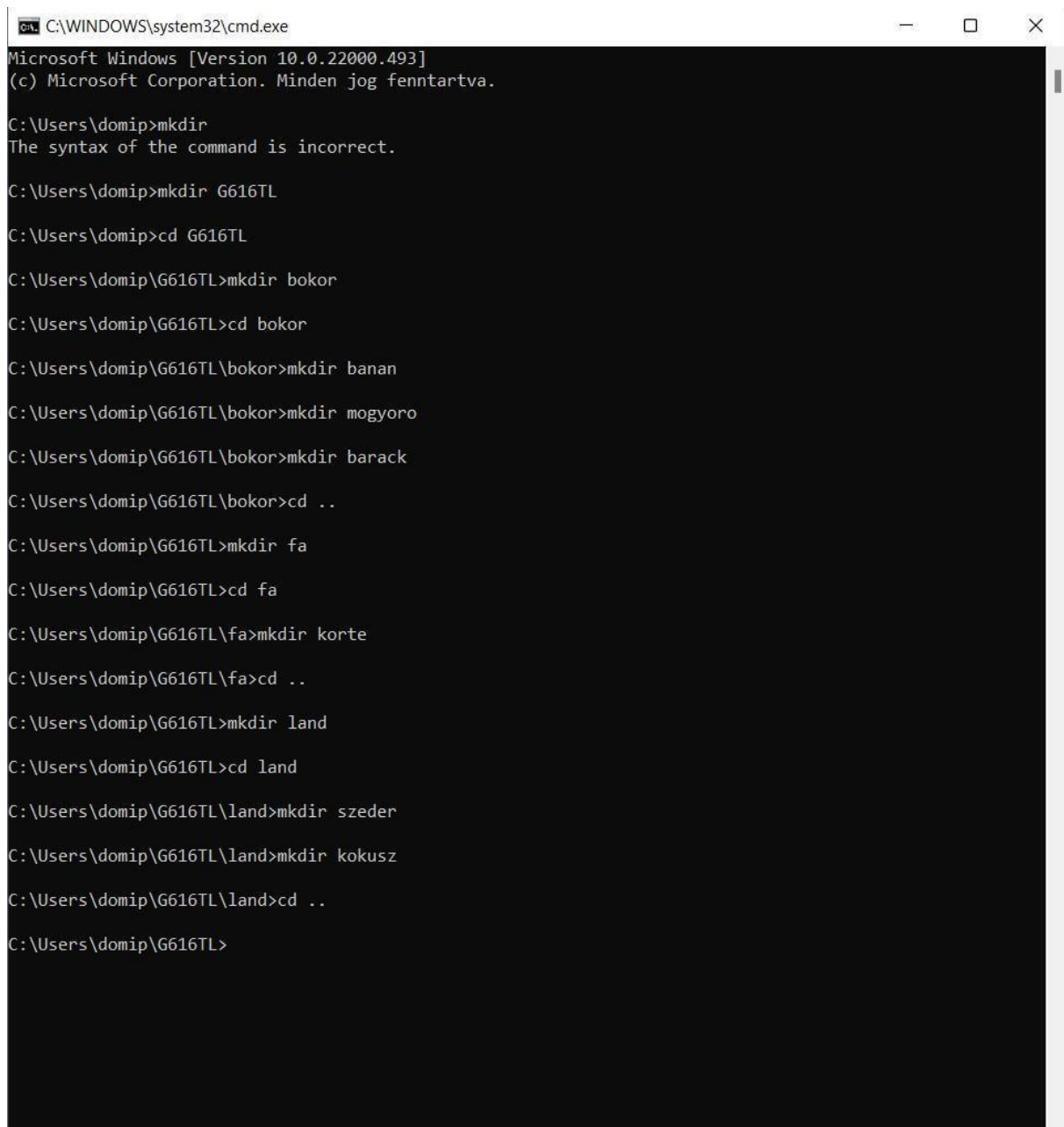
Gyak 2022.02.16

Készítette: Földesi Dominik

G616TL

2022.02.16

## 1.feladat a)



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.22000.493]
(c) Microsoft Corporation. Minden jog fenntartva.

C:\Users\domip>mkdir
The syntax of the command is incorrect.

C:\Users\domip>mkdir G616TL

C:\Users\domip>cd G616TL

C:\Users\domip\G616TL>mkdir bokor

C:\Users\domip\G616TL>cd bokor

C:\Users\domip\G616TL\bokor>mkdir banan

C:\Users\domip\G616TL\bokor>mkdir mogyoro

C:\Users\domip\G616TL\bokor>mkdir barack

C:\Users\domip\G616TL\bokor>cd ..

C:\Users\domip\G616TL>mkdir fa

C:\Users\domip\G616TL>cd fa

C:\Users\domip\G616TL\fa>mkdir korte

C:\Users\domip\G616TL\fa>cd ..

C:\Users\domip\G616TL>mkdir land

C:\Users\domip\G616TL>cd land

C:\Users\domip\G616TL\land>mkdir szeder

C:\Users\domip\G616TL\land>mkdir kokusz

C:\Users\domip\G616TL\land>cd ..

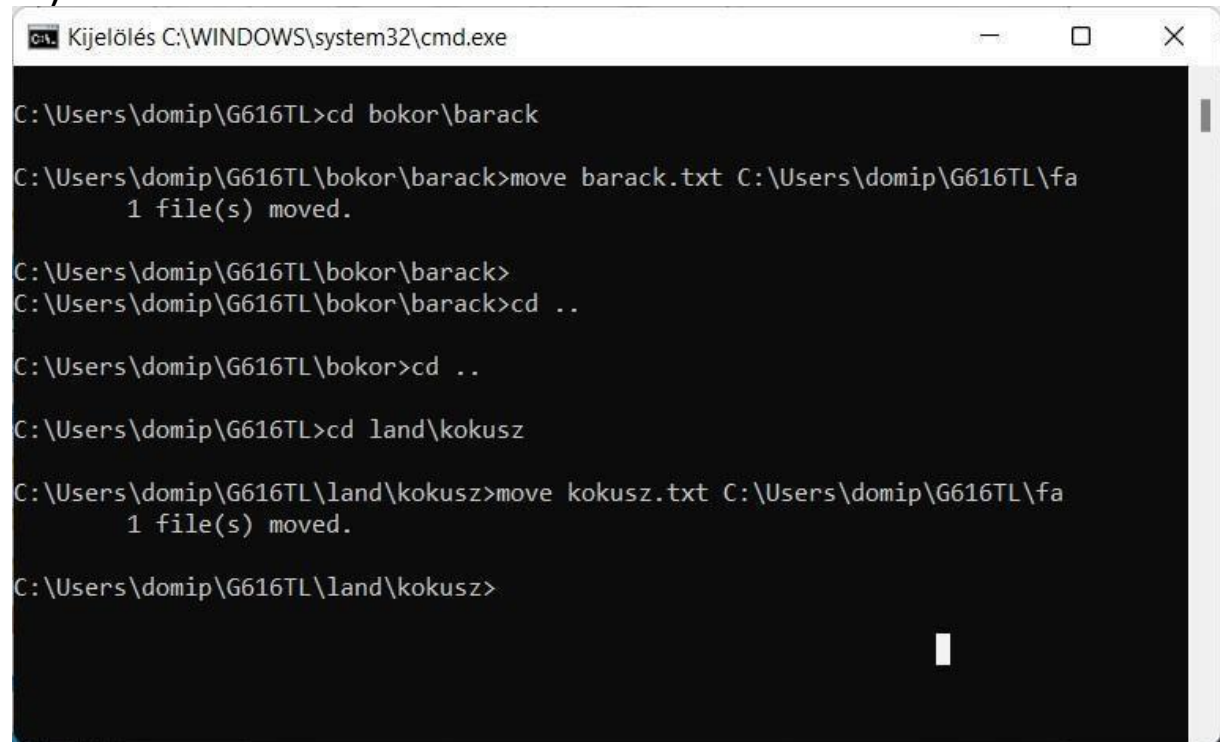
C:\Users\domip\G616TL>
```

## b)

```
C:\Users\domip\G616TL>xcopy /E /I C:\Users\domip\G616TL\bokor\banan
C:\Users\domip\G616TL\fa
C:\Users\domip\G616TL\bokor\banan\banan.txt
C:\Users\domip\G616TL\bokor\banan\szeder.txt
2 File(s) copied

C:\Users\domip\G616TL>
```

c)



```
C:\Users\domip\G616TL>cd bokor\barack
C:\Users\domip\G616TL\bokor\barack>move barack.txt C:\Users\domip\G616TL\fa
1 file(s) moved.
C:\Users\domip\G616TL\bokor\barack>
C:\Users\domip\G616TL\bokor\barack>cd ..
C:\Users\domip\G616TL\bokor>cd ..
C:\Users\domip\G616TL>cd land\kokusz
C:\Users\domip\G616TL\land\kokusz>move kokusz.txt C:\Users\domip\G616TL\fa
1 file(s) moved.
C:\Users\domip\G616TL\land\kokusz>
```

d)

```
Kijelölés C:\WINDOWS\system32\cmd.exe
C:\Users\domip\G616TL\land>cd..
C:\Users\domip\G616TL>del land
C:\Users\domip\G616TL\land\*, Are you sure (Y/N)? y
C:\Users\domip\G616TL>cd boko\banan
A rendszer nem találja a megadott elérési utat.
C:\Users\domip\G616TL>cd bokor\banan
C:\Users\domip\G616TL\bokor\banan>type nul > leiras.txt
C:\Users\domip\G616TL\bokor\banan>cd ..
C:\Users\domip\G616TL\bokor>cd..
C:\Users\domip\G616TL>cd fa
C:\Users\domip\G616TL\fa>type nul > felsorolas.txt
C:\Users\domip\G616TL\fa>
```

e)

```
Kijelölés C:\WINDOWS\system32\cmd.exe

C:\Users\domip\G616TL>cd bokor\banan

C:\Users\domip\G616TL\bokor\banan>echo "A barack nagyon finom. A barack egy narancssárga gyümölcs." > leiras.txt

C:\Users\domip\G616TL\bokor\banan>cd..

C:\Users\domip\G616TL\bokor>cd..

C:\Users\domip\G616TL>cd fa

C:\Users\domip\G616TL\fa>echo "Roncs Ábel, Végh Kristóf Fekete József Hajnal Tímea Földesi Dominik" > felsorolas.txt

C:\Users\domip\G616TL\fa>_
```

f)

```
C:\WINDOWS\system32\cmd.exe
C:\Users\domip\G616TL\fa>list
'list' is not recognized as an internal or external com
mand,
operable program or batch file.

C:\Users\domip\G616TL\fa>cd..

C:\Users\domip\G616TL>dir
Volume in drive C is OS
Volume Serial Number is 1CBB-7A49

Directory of C:\Users\domip\G616TL

16/02/2022  12:22      <DIR>          .
16/02/2022  12:21      <DIR>          ..
16/02/2022  12:22      <DIR>          bokor
16/02/2022  12:41      <DIR>          fa
16/02/2022  12:23      <DIR>          land
                0 File(s)                0 bytes
                5 Dir(s) 22,394,335,232 bytes free

C:\Users\domip\G616TL>
```

g)

```
Parancssor
Microsoft Windows [Version 10.0.22000.493]
(c) Microsoft Corporation. Minden jog fenntartva.

C:\Users\domip>cd g616tl

C:\Users\domip\G616TL>dir ?e* /s
Volume in drive C is OS
Volume Serial Number is 1CBB-7A49

Directory of C:\Users\domip\G616TL\bokor\banan

16/02/2022  12:44          63 leiras.txt
                1 File(s)                63 bytes

Directory of C:\Users\domip\G616TL\fa

16/02/2022  12:45          72 felsorolas.txt
16/02/2022  12:55          72 felsorolasabc.txt
                2 File(s)                144 bytes

Total Files Listed:
                3 File(s)                207 bytes
                0 Dir(s) 22,464,872,448 bytes free

C:\Users\domip\G616TL>_
```

h)

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.22000.493]
(c) Microsoft Corporation. Minden jog fenntartva.

C:\Users\domip>cd g616tl

C:\Users\domip\G616TL>attrib -r c:\Users\domip\G616TL\fa\felsorolas.txt

C:\Users\domip\G616TL>
```

i)

```
Kijelölés C:\WINDOWS\system32\cmd.exe

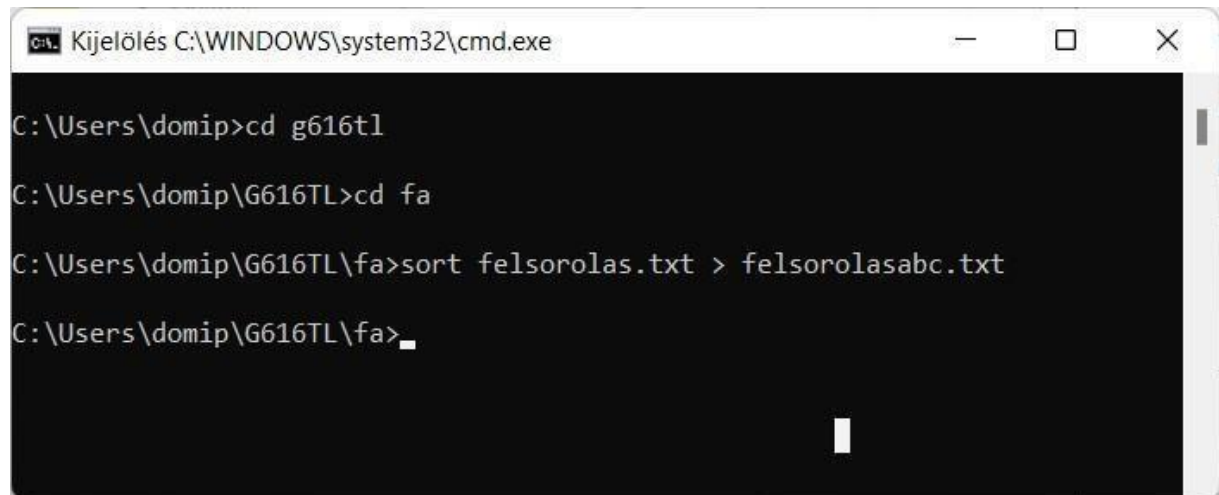
C:\Users\domip>dir g616tl
Volume in drive C is OS
Volume Serial Number is 1CBB-7A49

Directory of C:\Users\domip\g616tl

16/02/2022  12:22    <DIR>        .
16/02/2022  12:21    <DIR>        ..
16/02/2022  12:22    <DIR>        bokor
16/02/2022  12:41    <DIR>        fa
16/02/2022  12:23    <DIR>        land
               0 File(s)                0 bytes
               5 Dir(s)  22,397,452,288 bytes free

C:\Users\domip>
```

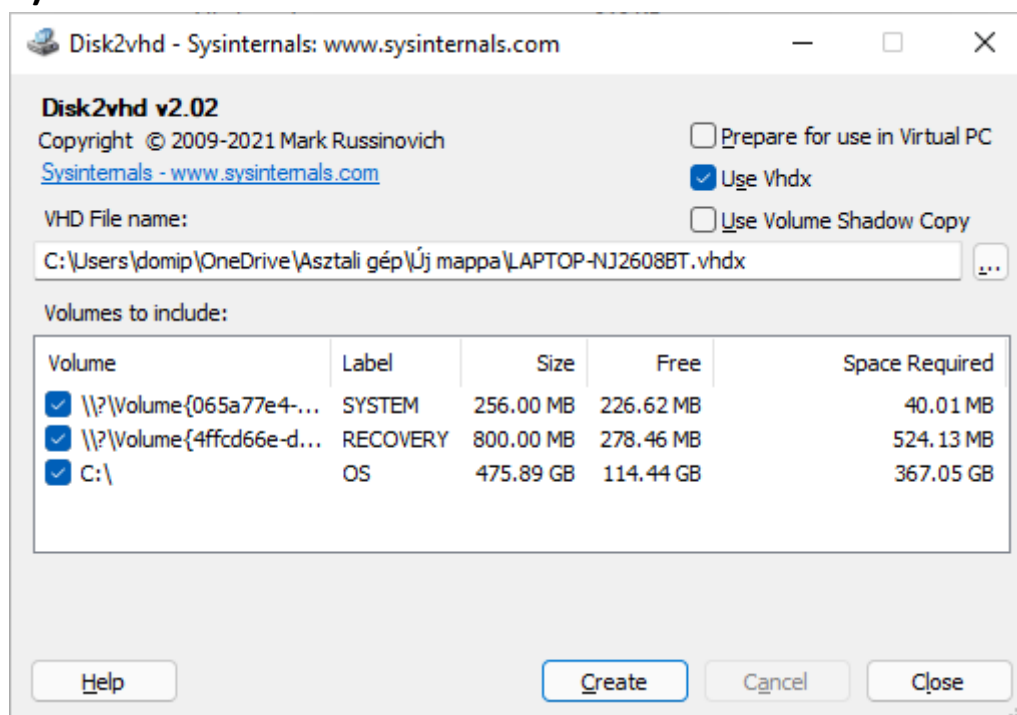
j)



```
C:\Users\domip>cd g616tl
C:\Users\domip\G616TL>cd fa
C:\Users\domip\G616TL\fa>sort felsorolas.txt > felsorolasabc.txt
C:\Users\domip\G616TL\fa>
```

## 2.feladat

a)





b)

TCPView - Sysinternals: www.sysinternals.com

File Edit View Process Connection Options Help

4 TCP v4 6 TCP v6 4 UDP v4 6 UDP v6

Search

Process Name	Process ID	Protocol	State	Local Address	Local Port	Remote Address	Remote Port	Create Time	Module Name	Sent Packets
svchost.exe	1356	TCP		0.0.0.0	135	0.0.0.0	0	18/02/2022 07:32:42	RpcSs	
System	4	TCP		192.168.1.105	139	0.0.0.0	0	22/02/2022 11:42:05	System	
svchost.exe	7964	TCP		0.0.0.0	5040	0.0.0.0	0	22/02/2022 11:42:06	CDPSvc	
hola_svc.exe	26812	TCP		127.0.0.1	6880	0.0.0.0	0	20/02/2022 12:28:02	hola_svc	
hola_updater.exe	4492	TCP		127.0.0.1	6890	0.0.0.0	0	18/02/2022 07:32:45	hola_updater	
ArmouryCrate.Service...	4208	TCP		127.0.0.1	9487	0.0.0.0	0	18/02/2022 07:32:47	ArmouryCrateService	
ArmouryCrate.Service...	4208	TCP		127.0.0.1	9487	127.0.0.1	50826	21/02/2022 18:32:43	ArmouryCrateService	
ArmouryCrate.Service...	4208	TCP		127.0.0.1	13010	0.0.0.0	0	18/02/2022 07:32:45	ArmouryCrateService	
ROGLiveService.exe	5024	TCP		127.0.0.1	13030	0.0.0.0	0	18/02/2022 07:32:43	ROGLiveService	
ArmouryCrate.UserSe...	2088	TCP		127.0.0.1	13031	0.0.0.0	0	21/02/2022 18:32:43	ArmouryCrate.UserSessionHel...	
ArmouryCrate.UserSe...	2088	TCP		127.0.0.1	13032	0.0.0.0	0	21/02/2022 18:32:43	ArmouryCrate.UserSessionHel...	
ArmouryCrate.UserSe...	2088	TCP		127.0.0.1	17945	0.0.0.0	0	21/02/2022 18:32:43	ArmouryCrate.UserSessionHel...	
lsass.exe	660	TCP		0.0.0.0	49664	0.0.0.0	0	18/02/2022 07:32:42	lsass.exe	
wininit.exe	972	TCP		0.0.0.0	49665	0.0.0.0	0	18/02/2022 07:32:42	wininit.exe	
svchost.exe	1876	TCP		0.0.0.0	49666	0.0.0.0	0	18/02/2022 07:32:42	Schedule	
svchost.exe	2736	TCP		0.0.0.0	49667	0.0.0.0	0	18/02/2022 07:32:42	EventLog	
spoolsv.exe	3848	TCP		0.0.0.0	49668	0.0.0.0	0	18/02/2022 07:32:42	Spooler	
AsusLinkNear.exe	4240	TCP		0.0.0.0	49669	0.0.0.0	0	18/02/2022 07:32:43	ASUSLinkNear	
AsusLinkNear.exe	4240	TCP		0.0.0.0	49670	0.0.0.0	0	18/02/2022 07:32:43	ASUSLinkNear	
services.exe	640	TCP		0.0.0.0	49679	0.0.0.0	0	18/02/2022 07:32:47	services.exe	
chrome.exe	13784	TCP		192.168.1.105	50107	142.250.102.188	5228	22/02/2022 12:48:37	chrome.exe	
ArmouryCrate.UserSe...	2088	TCP		127.0.0.1	50826	127.0.0.1	9487	21/02/2022 18:32:43	ArmouryCrate.UserSessionHel...	
NVIDIA Web Helper.exe	12124	TCP		127.0.0.1	50840	0.0.0.0	0	21/02/2022 18:32:44	NVIDIA Web Helper.exe	
NVIDIA Web Helper.exe	12124	TCP		127.0.0.1	50840	127.0.0.1	64927	22/02/2022 19:08:13	NVIDIA Web Helper.exe	
NVIDIA Web Helper.exe	12124	TCP		127.0.0.1	50840	127.0.0.1	65200	22/02/2022 19:20:45	NVIDIA Web Helper.exe	
net_updater64.exe	4608	TCP		192.168.1.105	52440	137.184.222.27	443	22/02/2022 14:07:35	luminati_net_updater_win_hol...	
GiftBoxService.exe	4328	TCP		127.0.0.1	54426	0.0.0.0	0	18/02/2022 07:32:43	GiftBoxService	
hola_svc.exe	26812	TCP		127.0.0.1	54683	0.0.0.0	0	20/02/2022 12:28:57	hola_svc	
hola_svc.exe	26812	TCP		127.0.0.1	54684	0.0.0.0	0	20/02/2022 12:28:57	hola_svc	
net_updater64.exe	4608	TCP		192.168.1.105	56112	34.228.163.174	443	21/02/2022 20:30:25	luminati_net_updater_win_hol...	
nvcontainer.exe	4808	TCP		127.0.0.1	57598	127.0.0.1	65001	22/02/2022 11:42:04	nvcontainer.exe	

Update: 2 sec States: (All)

c)

Process Explorer - Sysinternals: www.sysinternals.com [LAPTOP-NJ2608BT\domip]

File Options View Process Find Users Help

<Filter by name>

Process	CPU	Private Bytes	Working Set	PID	Description	Company Name
Registry	< 0.01	9,484 K	114,848 K	200		
System Idle Process	65.65	60 K	8 K	0		
System	0.70	60 K	1,512 K	4		
Interrupts	0.42	0 K	0 K	n/a	Hardware Interrupts and DPCs	
smss.exe		1,068 K	1,164 K	600		
Memory Compression	< 0.01	1,744 K	259,984 K	2140		
csrss.exe	< 0.01	2,280 K	6,712 K	880		
wininit.exe		1,508 K	7,068 K	972		
services.exe	0.32	8,004 K	17,444 K	640		
svchost.exe	< 0.01	23,376 K	45,824 K	1164	Windows-szolgáltatások gaz...	Microsoft Corporation
WmiPrivSE.exe	< 0.01	25,596 K	25,040 K	7184		
WmiPrivSE.exe	0.32	19,672 K	28,296 K	7140		
unsecapp.exe		1,728 K	8,048 K	16580		
SearchHost.exe	Susp...	185,576 K	224,692 K	24064		Microsoft Corporation
StartMenuExperience...	< 0.01	88,424 K	95,096 K	23676		
RuntimeBroker.exe	< 0.01	18,384 K	58,244 K	4928	Runtime Broker	Microsoft Corporation
RuntimeBroker.exe	< 0.01	6,840 K	30,360 K	21580	Runtime Broker	Microsoft Corporation
dllhost.exe	< 0.01	7,672 K	18,084 K	21824	COM Surrogate	Microsoft Corporation
YourPhone.exe	Susp...	88,708 K	26,308 K	25408		Microsoft Corporation
RuntimeBroker.exe		4,796 K	27,652 K	21624	Runtime Broker	Microsoft Corporation
dllhost.exe		2,128 K	14,272 K	18800	COM Surrogate	Microsoft Corporation
Cortana.exe	< 0.01	85,888 K	71,244 K	10604	Cortana	Microsoft Corporation
RuntimeBroker.exe		5,172 K	30,280 K	10448	Runtime Broker	Microsoft Corporation
Win32Bridge.Serv...		9,152 K	26,164 K	18908	Cortana System Service	Microsoft Corporation
backgroundTaskHost...	Susp...	7,796 K	2,648 K	14720	Background Task Host	Microsoft Corporation
SonicRadar3.exe	Susp...	68,500 K	7,988 K	17460	SonicRadar3_UWP	
SonicStudio3.exe	Susp...	68,940 K	8,188 K	24372	SonicStudio3	
ApplicationFrameHost...		13,604 K	37,776 K	16772	Application Frame Host	Microsoft Corporation
SDXHelperBgt.exe	Susp...	2,832 K	5,480 K	20484	Office SDX Helper Backgrou...	Microsoft Corporation

CPU Usage: 0.00%

d)

Nem indult el.

e)

