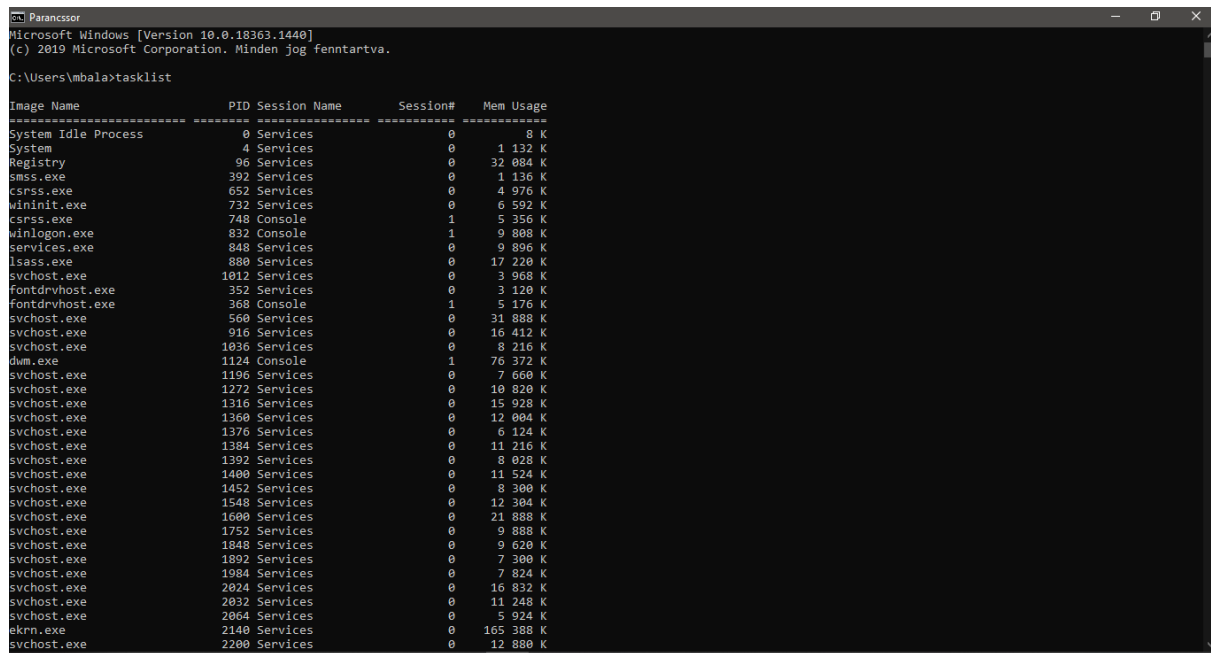


Operációs rendszerek – 1. Gyakorlat

3. feladat

a) Windows OS esetén futtassa a Task Manager-t, vizsgálja meg milyen folyamatok futnak az OS-n. Készítsen egy képernyőképet és illessze be a dokumentumba – Mentés: *OS1.pdf*

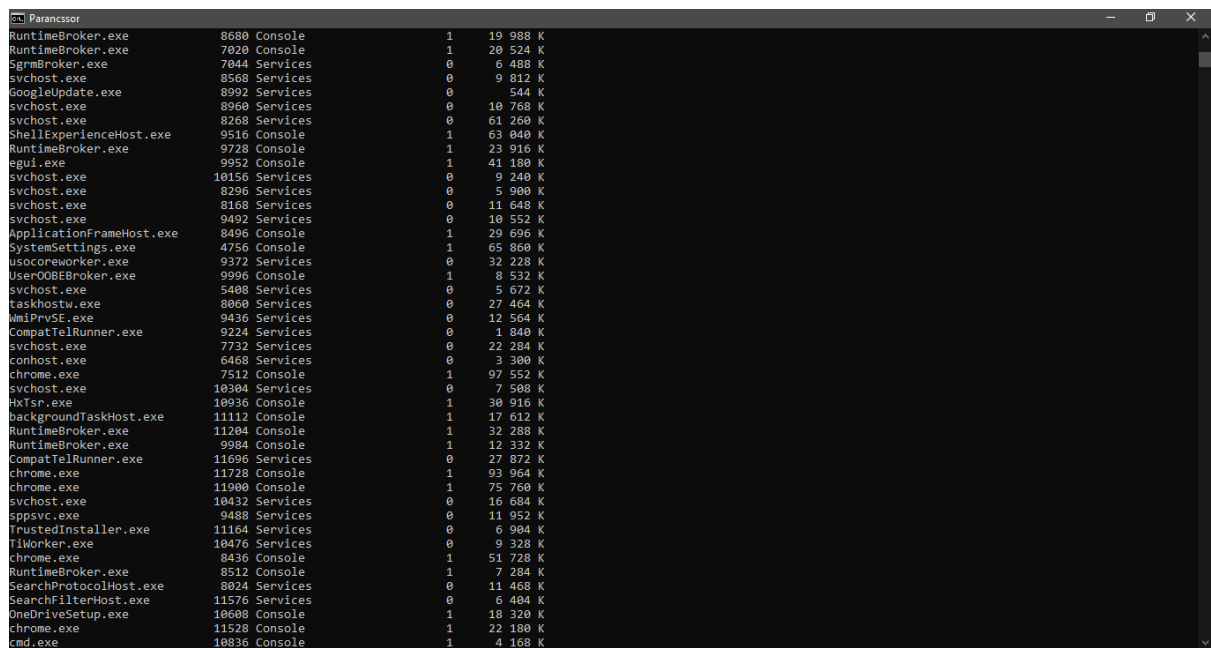


Parancssor

Microsoft Windows [Version 10.0.18363.1440]
(c) 2019 Microsoft Corporation. Minden jog fenntartva.

C:\Users\mbala>tasklist

Image Name	PID	Session Name	Session#	Mem Usage
System Idle Process	0	Services	0	8 K
System	4	Services	0	1 132 K
Registry	96	Services	0	32 084 K
smss.exe	392	Services	0	1 136 K
csrss.exe	652	Services	0	4 976 K
wininit.exe	732	Services	0	6 592 K
csrss.exe	748	Console	1	5 356 K
winlogon.exe	832	Console	1	9 888 K
services.exe	848	Services	0	9 896 K
lsass.exe	880	Services	0	17 220 K
svchost.exe	1012	Services	0	3 968 K
fontdrvhost.exe	352	Services	0	3 120 K
fontdrvhost.exe	368	Console	1	5 176 K
svchost.exe	560	Services	0	31 888 K
svchost.exe	916	Services	0	16 412 K
svchost.exe	1036	Services	0	8 216 K
dwm.exe	1124	Console	1	76 372 K
svchost.exe	1196	Services	0	7 660 K
svchost.exe	1272	Services	0	10 820 K
svchost.exe	1316	Services	0	15 928 K
svchost.exe	1360	Services	0	12 004 K
svchost.exe	1376	Services	0	6 124 K
svchost.exe	1384	Services	0	11 216 K
svchost.exe	1392	Services	0	8 028 K
svchost.exe	1400	Services	0	11 524 K
svchost.exe	1452	Services	0	8 300 K
svchost.exe	1548	Services	0	12 304 K
svchost.exe	1600	Services	0	21 888 K
svchost.exe	1752	Services	0	9 888 K
svchost.exe	1848	Services	0	9 620 K
svchost.exe	1892	Services	0	7 300 K
svchost.exe	1984	Services	0	7 824 K
svchost.exe	2024	Services	0	16 832 K
svchost.exe	2032	Services	0	11 248 K
svchost.exe	2064	Services	0	5 924 K
ekrn.exe	2140	Services	0	165 388 K
svchost.exe	2200	Services	0	12 880 K



Parancssor

RuntimeBroker.exe	8680	Console	1	19 988 K
RuntimeBroker.exe	7020	Console	1	20 524 K
SgrmBroker.exe	7044	Services	0	6 480 K
svchost.exe	8568	Services	0	9 812 K
GoogleUpdate.exe	8992	Services	0	544 K
svchost.exe	8960	Services	0	10 768 K
svchost.exe	8268	Services	0	61 260 K
ShellExperienceHost.exe	9516	Console	1	63 040 K
RuntimeBroker.exe	9728	Console	1	23 916 K
egui.exe	9952	Console	1	41 180 K
svchost.exe	10156	Services	0	9 240 K
svchost.exe	8296	Services	0	5 900 K
svchost.exe	8168	Services	0	11 640 K
svchost.exe	9492	Services	0	10 552 K
ApplicationFrameHost.exe	8496	Console	1	29 696 K
SystemSettings.exe	4756	Console	1	65 860 K
usocoreworker.exe	9372	Services	0	32 228 K
UserOOBEBroker.exe	9960	Console	1	8 532 K
svchost.exe	5408	Services	0	5 672 K
taskhostv.exe	8060	Services	0	27 464 K
WmiPrvSE.exe	9436	Services	0	12 564 K
CompatTelRunner.exe	9224	Services	0	1 840 K
svchost.exe	7732	Services	0	22 284 K
conhost.exe	6468	Services	0	3 300 K
chrome.exe	7512	Console	1	97 552 K
svchost.exe	10304	Services	0	7 588 K
Wtsr.exe	10936	Console	1	30 916 K
BackgroundTaskHost.exe	11112	Console	1	17 612 K
RuntimeBroker.exe	11204	Console	1	32 288 K
RuntimeBroker.exe	9984	Console	1	12 332 K
CompatTelRunner.exe	11696	Services	0	27 872 K
chrome.exe	11728	Console	1	93 964 K
chrome.exe	11900	Console	1	75 760 K
svchost.exe	10432	Services	0	16 684 K
sppsvc.exe	9408	Services	0	11 952 K
TrustedInstaller.exe	11164	Services	0	6 984 K
TlWorker.exe	10476	Services	0	9 328 K
chrome.exe	8436	Console	1	51 728 K
RuntimeBroker.exe	8512	Console	1	7 284 K
SearchProtocolHost.exe	8024	Services	0	11 468 K
SearchFilterHost.exe	11576	Services	0	6 404 K
OneDriveSetup.exe	10608	Console	1	18 320 K
chrome.exe	11528	Console	1	22 180 K
cmd.exe	10836	Console	1	4 168 K

```
mybazi@mybazi-530U3C-530U4C:~$ sudo ps auxx
[sudo] mybazi jelszava:
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root         1   0.0  0.3 167920 11708 ?        Ss   18:12   0:01 /sbin/init splash
root         2   0.0  0.0      0   0 ?        S    18:12   0:00 [kthreadd]
root         3   0.0  0.0      0   0 ?        I<   18:12   0:00 [rcu_gp]
root         4   0.0  0.0      0   0 ?        I<   18:12   0:00 [rcu_par_gp]
root         6   0.0  0.0      0   0 ?        I<   18:12   0:00 [kworker/0:0H-kblockd]
root         8   0.0  0.0      0   0 ?        I<   18:12   0:00 [mm_percpu_wq]
root         9   0.0  0.0      0   0 ?        S    18:12   0:00 [ksoftirqd/0]
root        10   0.0  0.0      0   0 ?        I    18:12   0:01 [rcu_sched]
root        11   0.0  0.0      0   0 ?        S    18:12   0:00 [migration/0]
root        12   0.0  0.0      0   0 ?        S    18:12   0:00 [idle_inject/0]
root        14   0.0  0.0      0   0 ?        S    18:12   0:00 [cpuhp/0]
root        15   0.0  0.0      0   0 ?        S    18:12   0:00 [cpuhp/1]
root        16   0.0  0.0      0   0 ?        S    18:12   0:00 [idle_inject/1]
root        17   0.0  0.0      0   0 ?        S    18:12   0:00 [migration/1]
root        18   0.0  0.0      0   0 ?        S    18:12   0:00 [ksoftirqd/1]
root        20   0.0  0.0      0   0 ?        I<   18:12   0:00 [kworker/1:0H-kblockd]
root        21   0.0  0.0      0   0 ?        S    18:12   0:00 [cpuhp/2]
root        22   0.0  0.0      0   0 ?        S    18:12   0:00 [idle_inject/2]
root        23   0.0  0.0      0   0 ?        S    18:12   0:00 [migration/2]
root        24   0.0  0.0      0   0 ?        S    18:12   0:00 [ksoftirqd/2]
root        26   0.0  0.0      0   0 ?        I<   18:12   0:00 [kworker/2:0H-events_highpri]
root        27   0.0  0.0      0   0 ?        S    18:12   0:00 [cpuhp/3]
root        28   0.0  0.0      0   0 ?        S    18:12   0:00 [idle_inject/3]
root        29   0.0  0.0      0   0 ?        S    18:12   0:00 [migration/3]
root        30   0.0  0.0      0   0 ?        S    18:12   0:00 [ksoftirqd/3]
root        32   0.0  0.0      0   0 ?        I<   18:12   0:00 [kworker/3:0H-events_highpri]
root        33   0.0  0.0      0   0 ?        S    18:12   0:00 [kdevtmpfs]
root        34   0.0  0.0      0   0 ?        I<   18:12   0:00 [netns]
root        35   0.0  0.0      0   0 ?        S    18:12   0:00 [rcu_tasks_kthre]
root        36   0.0  0.0      0   0 ?        S    18:12   0:00 [kauditd]
root        37   0.0  0.0      0   0 ?        S    18:12   0:00 [khungtaskd]
root        38   0.0  0.0      0   0 ?        S    18:12   0:00 [oom_reaper]
root        39   0.0  0.0      0   0 ?        I<   18:12   0:00 [writeback]
root        40   0.0  0.0      0   0 ?        S    18:12   0:00 [kcompactd9]
root        41   0.0  0.0      0   0 ?        S    18:12   0:00 [ksmd]
root        42   0.0  0.0      0   0 ?        SN   18:12   0:00 [khugepaged]
root        44   0.0  0.0      0   0 ?        Tz   18:12   0:00 [brntantrtd]
```

Töltse fel a GitHub repository aktuális mappába: pl.: NEPTUNKOD_0212