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**Nombre del Técnico:** Ciberseguridad

**Nombre del Módulo:** Shell scripting

# Laboratorio 1

**Analizar:** Get-Process -Name "Code"

- **Paso 1:** Ejecutar en el cmd tasklist y elegir un proceso.
- **Paso 2:** Ejecutar en PowerShell Get-Process -Name "nombre- proceso (sin el .exe)"
- **Ejemplo:** Get-Process -Name "firefox"
- **Instrucción final:** Hacer este ejercicio con todos los procesos listados en el comando tasklist.

# Tasklist - 1

```
Administrador: Símbolo del sistema
Microsoft Windows [Versión 10.0.19045.6466]
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C:\Windows\system32>tasklist

Nombre de imagen          PID Nombre de sesión Núm. de ses Uso de memor
-----
System Idle Process       0 Services          0          0 KB
System                    4 Services          0      21,460 KB
Registry                  108 Services        0      65,136 KB
smss.exe                  424 Services        0         520 KB
csrss.exe                 552 Services        0      3,392 KB
wininit.exe              660 Services        0      3,360 KB
services.exe             796 Services        0      7,676 KB
lsass.exe                824 Services        0      25,440 KB
svchost.exe              956 Services        0      20,936 KB
fontdrvhost.exe          976 Services        0       1,592 KB
svchost.exe              492 Services        0      14,860 KB
svchost.exe              540 Services        0       6,220 KB
svchost.exe              844 Services        0      10,488 KB
svchost.exe             1064 Services        0       5,904 KB
svchost.exe             1156 Services        0       2,936 KB
svchost.exe             1308 Services        0      11,168 KB
svchost.exe             1384 Services        0      10,604 KB
svchost.exe             1460 Services        0       8,816 KB
svchost.exe             1484 Services        0      114,136 KB
svchost.exe             1500 Services        0       2,364 KB
Memory Compression       1572 Services        0      216,100 KB
svchost.exe             1624 Services        0       2,724 KB
svchost.exe             1632 Services        0      12,772 KB
svchost.exe             1648 Services        0       5,500 KB
svchost.exe             1656 Services        0       4,744 KB
svchost.exe             1680 Services        0       3,440 KB
svchost.exe             1920 Services        0       6,212 KB
svchost.exe             1940 Services        0       3,460 KB
svchost.exe             1980 Services        0       5,288 KB
igfxCUIService.exe       2008 Services        0       4,600 KB
svchost.exe             2044 Services        0       4,956 KB
svchost.exe             1748 Services        0       3,348 KB
svchost.exe             1120 Services        0       4,088 KB
svchost.exe             2064 Services        0       7,852 KB
svchost.exe             2088 Services        0       6,356 KB
svchost.exe             2176 Services        0       3,356 KB
svchost.exe             2256 Services        0       8,492 KB
svchost.exe             2328 Services        0       4,296 KB
svchost.exe             2380 Services        0       7,128 KB
svchost.exe             2484 Services        0       5,100 KB
svchost.exe             2544 Services        0      11,316 KB
svchost.exe             2620 Services        0       6,768 KB
svchost.exe             2628 Services        0       3,020 KB
svchost.exe             2636 Services        0       5,036 KB
svchost.exe             2664 Services        0      21,176 KB
svchost.exe             2760 Services        0       9,024 KB
svchost.exe             2832 Services        0       4,256 KB
svchost.exe             2952 Services        0      11,512 KB
svchost.exe             2976 Services        0      12,172 KB
svchost.exe             2264 Services        0       2,104 KB
svchost.exe             2424 Services        0      26,556 KB
svchost.exe             2156 Services        0      16,744 KB
svchost.exe             2568 Services        0      11,740 KB
```

```
Selección Administrador: Símbolo del sistema

svchost.exe             2424 Services        0      26,556 KB
svchost.exe             2156 Services        0      16,744 KB
svchost.exe             2568 Services        0      11,740 KB
svchost.exe             2780 Services        0      37,148 KB
svchost.exe             3032 Services        0       3,220 KB
OfficeClickToRun.exe     2444 Services        0      36,232 KB
svchost.exe             1256 Services        0       5,916 KB
mysqld.exe              3076 Services        0       3,632 KB
svchost.exe             3116 Services        0       2,140 KB
sqlwriter.exe           3132 Services        0       2,448 KB
svchost.exe             3156 Services        0       3,624 KB
svchost.exe             3216 Services        0       2,836 KB
svchost.exe             3240 Services        0      15,056 KB
svchost.exe             3328 Services        0       6,444 KB
dashost.exe             3392 Services        0      11,128 KB
svchost.exe             3440 Services        0       1,896 KB
svchost.exe             3532 Services        0      10,204 KB
mysqld.exe              3744 Services        0      15,960 KB
conhost.exe             3780 Services        0       2,636 KB
svchost.exe             3284 Services        0       3,800 KB
svchost.exe             4164 Services        0       4,564 KB
dllhost.exe             4680 Services        0       7,696 KB
svchost.exe             4700 Services        0       2,392 KB
svchost.exe             4772 Services        0       5,776 KB
SearchIndexer.exe       4928 Services        0      38,872 KB
svchost.exe             908 Services        0       4,396 KB
AggregatorHost.exe      5136 Services        0       7,424 KB
svchost.exe             5488 Services        0      17,592 KB
svchost.exe             5624 Services        0       3,872 KB
svchost.exe             5680 Services        0      14,580 KB
printfilterpipelinesvcx 8056 Services        0       2,464 KB
svchost.exe             7468 Services        0       6,492 KB
svchost.exe             4264 Services        0      14,624 KB
svchost.exe             2968 Services        0       7,532 KB
sqlservr.exe            3984 Services        0      71,020 KB
sqlceip.exe             576 Services        0      21,936 KB
svchost.exe             5964 Services        0      13,524 KB
svchost.exe             4032 Services        0       2,988 KB
svchost.exe             1212 Services        0       5,772 KB
SecurityHealthService.exe 7072 Services        0       7,244 KB
svchost.exe             1252 Services        0      11,000 KB
svchost.exe             8640 Services        0       3,268 KB
svchost.exe             4516 Services        0       4,112 KB
svchost.exe             9964 Services        0       5,400 KB
svchost.exe             4880 Services        0      18,164 KB
svchost.exe             9928 Services        0       4,304 KB
svchost.exe             10344 Services        0       8,332 KB
HoloCoreWorker.exe      12240 Services        0      23,908 KB
csrss.exe               11088 Console         6       6,700 KB
winlogon.exe            964 Console         6      11,140 KB
fontdrvhost.exe         8036 Console         6      11,900 KB
dwm.exe                 3816 Console         6      71,716 KB
svchost.exe             6036 Services        0      14,780 KB
svchost.exe             6252 Services        0       6,136 KB
svchost.exe             1040 Services        0       8,912 KB
sihost.exe              9708 Console         6      32,236 KB
svchost.exe             12836 Console         6      26,252 KB
svchost.exe             10200 Console         6      48,776 KB
taskhostw.exe           7204 Console         6      19,864 KB
igfxEM.exe              12900 Console         6      13,512 KB
```

# Tasklist - 2

Selecionar Administrador: Símbolo del sistema			
svchost.exe	10280	Console	6 40,776 KB
taskhostw.exe	7284	Console	6 19,864 KB
igfxEM.exe	12980	Console	6 13,512 KB
igfxHK.exe	7372	Console	6 11,296 KB
igfxTray.exe	11112	Console	6 14,068 KB
ctfmon.exe	14160	Console	6 22,352 KB
explorer.exe	1376	Console	6 190,348 KB
svchost.exe	12972	Console	6 34,008 KB
StartMenuExperienceHost.exe	10264	Console	6 69,052 KB
RuntimeBroker.exe	8488	Console	6 30,344 KB
SearchApp.exe	7328	Console	6 291,880 KB
RuntimeBroker.exe	12036	Console	6 50,688 KB
RuntimeBroker.exe	12236	Console	6 31,332 KB
svchost.exe	5848	Console	6 10,188 KB
ShellExperienceHost.exe	9620	Console	6 79,132 KB
RuntimeBroker.exe	2016	Console	6 23,956 KB
SystemSettingsBroker.exe	3656	Console	6 17,788 KB
svchost.exe	10028	Console	6 23,940 KB
firefox.exe	6708	Console	6 455,412 KB
crashhelper.exe	10224	Console	6 7,996 KB
firefox.exe	3096	Console	6 231,724 KB
firefox.exe	3636	Console	6 18,404 KB
CompPkgSrv.exe	4992	Console	6 8,528 KB
firefox.exe	2552	Console	6 22,296 KB
firefox.exe	4488	Console	6 47,312 KB
firefox.exe	1132	Console	6 89,152 KB
firefox.exe	13468	Console	6 15,812 KB
TextInputHost.exe	9656	Console	6 42,028 KB
firefox.exe	4060	Console	6 15,664 KB
firefox.exe	11360	Console	6 10,992 KB
PhoneExperienceHost.exe	12796	Console	6 125,876 KB
UserOOBEBroker.exe	8248	Console	6 10,004 KB
OneDrive.Sync.Service.exe	10652	Console	6 4,448 KB
taskhostw.exe	13752	Console	6 22,940 KB
MpDefenderCoreService.exe	13764	Services	0 10,836 KB
MsMpEng.exe	9432	Services	0 394,532 KB
NisSrv.exe	8480	Services	0 10,788 KB
svchost.exe	12148	Services	0 11,392 KB
ApplicationFrameHost.exe	6620	Console	6 27,232 KB
SystemSettings.exe	9648	Console	6 2,168 KB
firefox.exe	3472	Console	6 293,660 KB
firefox.exe	9556	Console	6 41,292 KB
firefox.exe	14012	Console	6 190,420 KB
audiodg.exe	12428	Services	0 13,432 KB
dllhost.exe	12356	Console	6 14,512 KB
powershell.exe	11488	Console	6 101,104 KB
conhost.exe	6032	Console	6 17,352 KB
svchost.exe	3480	Services	0 11,992 KB
firefox.exe	6552	Console	6 564,884 KB
dllhost.exe	9080	Console	6 13,964 KB
notepad.exe	7792	Console	6 39,000 KB
firefox.exe	11648	Console	6 43,404 KB
svchost.exe	14656	Services	0 26,496 KB
firefox.exe	11564	Console	6 37,848 KB
firefox.exe	7504	Console	6 74,220 KB
POWERPNT.EXE	7148	Console	6 180,412 KB
ai.exe	8008	Console	6 39,800 KB
firefox.exe	840	Console	6 31,148 KB
backgroundTaskHost.exe	8844	Console	6 5,304 KB
RuntimeBroker.exe	2116	Console	6 19,604 KB

Selecionar Administrador: Símbolo del sistema			
firefox.exe	11648	Console	6 43,404 KB
svchost.exe	14656	Services	0 26,496 KB
firefox.exe	11564	Console	6 37,848 KB
firefox.exe	7504	Console	6 74,220 KB
POWERPNT.EXE	7148	Console	6 180,412 KB
ai.exe	8008	Console	6 39,800 KB
firefox.exe	840	Console	6 31,148 KB
backgroundTaskHost.exe	8844	Console	6 5,304 KB
RuntimeBroker.exe	2116	Console	6 19,604 KB
svchost.exe	6756	Console	6 14,380 KB
svchost.exe	11348	Services	0 8,512 KB
firefox.exe	15132	Console	6 31,060 KB
firefox.exe	13864	Console	6 31,152 KB
SearchProtocolHost.exe	14356	Console	6 8,876 KB
SearchFilterHost.exe	9332	Services	0 8,136 KB
svchost.exe	10532	Services	0 12,632 KB
smartscreen.exe	816	Console	6 24,328 KB
cmd.exe	5940	Console	6 5,384 KB
conhost.exe	7112	Console	6 22,196 KB
tasklist.exe	11092	Console	6 9,948 KB
WinIPrVSE.exe	4084	Services	0 10,172 KB

C:\Windows\system32> |

# csrss

```
Administrador: Windows PowerShell
PS C:\Windows\system32> Get-Process -Name "csrss"

Handles  NPM(K)  PM(K)  WS(K)  CPU(s)    Id  SI ProcessName
-----  -
763      24      2340   3380   5.44      552  0 csrss
526      20      2492   6692  18.84    11088  6 csrss

PS C:\Windows\system32>
```

# svchost

Selecionar Administrador: Windows PowerShell

```
PS C:\Windows\system32> Get-Process -Name "svchost"
```

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
1457	19	12464	15360	89.58	492	0	svchost
415	12	3344	6216	4.98	540	0	svchost
508	21	5408	10492	4.23	844	0	svchost
214	11	2460	4624	0.14	908	0	svchost
1942	25	20084	30112	95.19	956	0	svchost
232	13	2588	6600	0.53	1064	0	svchost
243	11	2580	4408	1.64	1120	0	svchost
142	9	1672	2836	0.05	1156	0	svchost
234	13	3184	5820	0.45	1212	0	svchost
355	17	4080	12200	1.45	1252	0	svchost
208	12	2372	5924	0.89	1256	0	svchost
420	18	7316	11320	11.86	1308	0	svchost
267	14	3576	10544	40.59	1384	0	svchost
423	11	3340	8892	8.75	1460	0	svchost
251	16	98708	99928	825.19	1484	0	svchost
203	8	1364	2364	0.31	1500	0	svchost
179	7	1036	2764	0.77	1624	0	svchost
433	14	16748	12792	5.41	1632	0	svchost
608	10	2840	5576	3.19	1648	0	svchost
197	10	2300	4868	0.33	1656	0	svchost
180	9	1764	3440	0.14	1680	0	svchost
195	9	1884	3348	0.23	1748	0	svchost
199	13	2328	7892	0.23	1928	0	svchost
134	8	1636	3696	0.09	1940	0	svchost
156	26	5072	5652	1.84	1980	0	svchost
214	11	2228	9528	0.05	2040	0	svchost
220	11	2032	4956	0.02	2044	0	svchost
192	11	3048	8040	9.44	2064	0	svchost
240	12	2648	6600	0.11	2088	0	svchost
377	18	8612	16424	14.80	2156	0	svchost
186	11	2076	3436	0.27	2176	0	svchost
458	17	5012	9648	4.69	2256	0	svchost
114	8	1244	2104	0.02	2264	0	svchost
220	15	2392	4560	0.03	2328	0	svchost
590	16	5080	8004	6.73	2380	0	svchost
613	29	29568	26572	37.02	2424	0	svchost
163	10	2004	5376	1.20	2484	0	svchost
405	14	3660	11352	2.36	2544	0	svchost
281	26	4112	11648	2.69	2568	0	svchost
322	16	5372	7188	23.28	2620	0	svchost
147	11	1948	3172	0.14	2628	0	svchost
387	15	3128	5776	1.00	2636	0	svchost
182	11	14728	20152	68.67	2664	0	svchost
296	21	2844	9068	0.39	2760	0	svchost
357	20	35980	28524	33.38	2780	0	svchost
205	11	2584	4316	103.39	2832	0	svchost
222	12	3116	7552	26.14	2968	0	svchost
443	33	14764	18212	13.69	2976	0	svchost
162	8	1736	3320	0.33	3032	0	svchost
144	9	1576	2140	0.03	3116	0	svchost
194	10	2140	3908	0.36	3156	0	svchost
136	7	1344	2036	0.02	3216	0	svchost
417	20	5208	16280	7.77	3240	0	svchost
260	18	2604	4324	2.34	3284	0	svchost
388	21	3308	7384	0.92	3328	0	svchost
163	10	3680	11980	0.17	3400	0	svchost

Selecionar Administrador: Windows PowerShell

114	8	1244	2104	0.02	2264	0	svchost
220	15	2392	4560	0.03	2328	0	svchost
590	16	5080	8004	6.73	2380	0	svchost
613	29	29568	26572	37.02	2424	0	svchost
163	10	2004	5376	1.20	2484	0	svchost
405	14	3660	11352	2.36	2544	0	svchost
281	26	4112	11648	2.69	2568	0	svchost
322	16	5372	7188	23.28	2620	0	svchost
147	11	1948	3172	0.14	2628	0	svchost
387	15	3128	5776	1.00	2636	0	svchost
182	11	14728	20152	68.67	2664	0	svchost
296	21	2844	9068	0.39	2760	0	svchost
357	20	35980	28524	33.38	2780	0	svchost
205	11	2584	4316	103.39	2832	0	svchost
222	12	3116	7552	26.14	2968	0	svchost
443	33	14764	18212	13.69	2976	0	svchost
162	8	1736	3320	0.33	3032	0	svchost
144	9	1576	2140	0.03	3116	0	svchost
194	10	2140	3908	0.36	3156	0	svchost
136	7	1344	2036	0.02	3216	0	svchost
417	20	5208	16280	7.77	3240	0	svchost
260	18	2604	4324	2.34	3284	0	svchost
388	21	3308	7384	0.92	3328	0	svchost
163	10	3680	11980	0.17	3400	0	svchost
117	8	1468	1952	0.09	3440	0	svchost
402	26	3920	10664	0.20	3532	0	svchost
205	12	1856	3428	0.25	4032	0	svchost
165	10	2168	4912	1.97	4164	0	svchost
500	24	11800	15408	34.06	4264	0	svchost
186	10	1828	4068	0.08	4516	0	svchost
147	10	1736	2620	0.00	4700	0	svchost
290	17	3852	6140	4.61	4772	0	svchost
268	15	8184	10216	4.77	4880	0	svchost
648	13	4736	17136	8.56	5488	0	svchost
207	10	2080	4084	0.10	5624	0	svchost
375	21	6092	14672	0.66	5680	0	svchost
170	10	1964	10360	0.05	5848	0	svchost
350	20	7892	13552	1.27	5964	0	svchost
198	12	2548	14800	0.84	6036	0	svchost
123	8	1308	6136	0.03	6252	0	svchost
169	11	2764	14516	0.13	6756	0	svchost
233	13	5232	6492	0.36	7468	0	svchost
132	8	1688	3040	0.23	8640	0	svchost
166	9	1984	4596	0.05	9928	0	svchost
208	16	7220	5540	1.50	9964	0	svchost
450	25	5380	24300	0.50	10028	0	svchost
548	25	9244	48628	2.34	10200	0	svchost
284	13	2760	8352	0.61	10344	0	svchost
180	9	1780	8164	0.02	10852	0	svchost
144	8	3144	10556	0.14	11348	0	svchost
216	13	2712	11396	0.05	12148	0	svchost
344	17	7368	26480	1.84	12836	0	svchost
375	18	5476	31720	1.25	12972	0	svchost
486	42	12572	26444	0.66	14656	0	svchost

PS C:\Windows\system32>

# fontdrvhost

Administrador: Windows PowerShell

PS C:\Windows\system32> Get-Process -Name "fontdrvhost"

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
50	6	1688	1588	0.09	976	0	fontdrvhost
50	12	6736	11520	0.89	8036	6	fontdrvhost

PS C:\Windows\system32>

# mysqld

Administrador: Windows PowerShell

```
PS C:\Windows\system32> Get-Process -Name "mysqld"
```

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
129	12	33784	3628	0.03	3076	0	mysqld
503	391	650188	15960	4.47	3744	0	mysqld

```
PS C:\Windows\system32>
```



# conhost

```
Administrator: Windows PowerShell
PS C:\Windows\system32> Get-Process -Name "conhost"
```

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
133	9	6532	2632	0.30	3780	0	conhost
238	14	5836	18188	7.53	6632	6	conhost
236	14	7808	20628	3.48	7112	6	conhost

```
PS C:\Windows\system32>
```

# dllhost

```
> Administrator: Windows PowerShell
PS C:\Windows\system32> Get-Process -Name "dllhost"
```

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
-----	-----	-----	-----	-----	--	--	-----
214	18	4160	8216	0.13	4600	0	dllhost
230	13	2744	13924	0.17	9080	6	dllhost
265	23	5736	14400	0.25	12356	6	dllhost

```
PS C:\Windows\system32>
```

# taskhostw

```
Administrator: Windows PowerShell
PS C:\Windows\system32> Get-Process -Name "taskhostw"

Handles  NPM(K)  PM(K)  WS(K)  CPU(s)    Id  SI ProcessName
-----  -
145      10      1888   9780    0.09     2020  6 taskhostw
306      42     10668  21232    1.39     7204  6 taskhostw
376      22      7912   21412    0.53    13752  6 taskhostw

PS C:\Windows\system32>
```

# Memory Compression

```
Administrator: Windows PowerShell
PS C:\Windows\system32> Get-Process -Name "Memory Compression"

Handles  NPM(K)  PM(K)  WS(K)  CPU(s)  Id  SI ProcessName
-----  -
0         0      1336   424656  195.92  1572  0 Memory Compression

PS C:\Windows\system32>
```

# RuntimeBroker

Administrador: Windows PowerShell

```
PS C:\Windows\system32> Get-Process -Name "RuntimeBroker"
```

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
383	18	4768	24532	0.64	2016	6	RuntimeBroker
367	19	6884	27852	0.66	7900	6	RuntimeBroker
321	19	6748	29568	4.36	8408	6	RuntimeBroker
753	35	14340	46588	4.75	12036	6	RuntimeBroker
442	22	7128	29352	5.72	12236	6	RuntimeBroker
246	13	3072	19564	0.08	13704	6	RuntimeBroker
152	10	2268	13776	0.03	13780	6	RuntimeBroker

```
PS C:\Windows\system32>
```

# firefox

Administrador: Windows PowerShell

```
PS C:\Windows\system32> Get-Process -Name "firefox"
Handles  NPM(K)  PM(K)  WS(K)  CPU(s)  Id  SI  ProcessName
-----  -
306      29      58132  96352   26.02   1132  6  firefox
304      28      34168  22292   83.08   2552  6  firefox
702      480     1438028 1223568 1,098.72 3096  6  firefox
381      88      451540  301148 1,268.30 3472  6  firefox
237      18       8252   18300   685.69  3636  6  firefox
256      14       7660   15644    0.44  4060  6  firefox
280      18      14196   31208    0.05  4084  6  firefox
290      23      39488   45980    2.45  4488  6  firefox
310      160     842484  831860 1,203.94 6552  6  firefox
2090     168     440460  430020  917.67  6708  6  firefox
291      19      15688   39228    0.70  7484  6  firefox
280      18      14132   31148    0.14  9304  6  firefox
324      20      23668   41444   25.81  9556  6  firefox
351      16       7604   20008    0.31 11360  6  firefox
292      19      18208   32268    3.00 11564  6  firefox
280      18      14096   31176    0.11 12228  6  firefox
193      12      24280   15796    3.03 13468  6  firefox
330      55     174820  154004  112.31 14012  6  firefox
293      22      35132   54480    1.19 14284  6  firefox

PS C:\Windows\system32> _
```

# Laboratorio 2

- **Analizar:** `Get-Process -Name "Code" | Where-Object { $_.WorkingSet -gt 200MB }`
- **Paso 1:** Ejecutar en el cmd `tasklist` y elegir un proceso.
- **Paso 2:** Ejecutar en PowerShell `Get-Process -Name "nombre-proceso (sin el .exe)" | Where-Object { $_.WorkingSet -gt valor-numerico-unidad-almacenamiento }`
- **Ejemplo:** `Get-Process -Name "firefox" | Where-Object { $_.WorkingSet -gt 50MB }`
- **Instrucción final:** Hacer este ejercicio con todos los procesos listados en el comando `tasklist`.

# svchost

```
Administrator: Windows PowerShell
PS C:\Windows\system32> Get-Process -Name "svchost" | Where-Object { $_.WorkingSet -gt 50MB }

Handles  NPM(K)  PM(K)  WS(K)  CPU(s)  Id  SI ProcessName
-----  -
254      16      107992  108624  877.00  1484  0  svchost

PS C:\Windows\system32>
```



# firefox

Administrador: Windows PowerShell

```
PS C:\Windows\system32> Get-Process -Name "firefox" | Where-Object { $_.WorkingSet -gt 50MB }
```

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
310	29	60884	94160	26.13	1132	6	firefox
702	480	1438068	798368	1,101.14	3096	6	firefox
381	89	459252	304532	1,294.92	3472	6	firefox
306	159	824268	812420	1,235.23	6552	6	firefox
2128	169	439620	393824	926.05	6708	6	firefox
326	55	174804	154008	112.39	14012	6	firefox
293	22	35132	54052	1.19	14284	6	firefox

```
PS C:\Windows\system32>
```

# Memory Compression

Administrator: Windows PowerShell

```
PS C:\Windows\system32> Get-Process -Name "Memory Compression" | Where-Object { $_.WorkingSet -gt 50MB }
```

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
-----	-----	-----	-----	-----	--	--	-----
0	0	1348	547012	192.42	1572	0	Memory Compression

```
PS C:\Windows\system32>
```

# Laboratorio 3

- **Analizar:** `Get-Process -Name "Code" | Where-Object { $_.WorkingSet -gt 200MB } | Select-Object Id, ProcessName`
- **Paso 1:** Ejecutar en el cmd tasklist y elegir un proceso.
- **Paso 2:** Ejecutar en PowerShell `Get-Process -Name "nombre-proceso (sin el .exe)" | Where-Object { $_.WorkingSet -gt valor-numerico-unidad-almacenamiento } | Select-Object variables`
- **Ejemplo:** `Get-Process -Name "firefox" | Where-Object { $_.WorkingSet -gt 50MB } | Select-Object Id, ProcessName`
- **Instrucción final:** Hacer este ejercicio con todos los procesos listados en el comando tasklist.

# svchost

Administrator: Windows PowerShell

```
PS C:\Windows\system32> Get-Process -Name "svchost" | Where-Object { $_.WorkingSet -gt 50MB } | Select-Object Id, ProcessName
```

Id	ProcessName
1484	svchost

```
PS C:\Windows\system32>
```

# firefox

Administrador: Windows PowerShell

```
PS C:\Windows\system32> Get-Process -Name "firefox" | Where-Object { $_.WorkingSet -gt 50MB } | Select-Object Id, ProcessName

Id ProcessName
--
1132 firefox
3096 firefox
3472 firefox
6708 firefox

PS C:\Windows\system32>
```

# Memory Compression

Seleccionar Administrador: Windows PowerShell

```
PS C:\Windows\system32> Get-Process -Name "Memory Compression" | Where-Object { $_.WorkingSet -gt 50MB } | Select-Object Id, ProcessName
    Id ProcessName
    --
1572 Memory Compression

PS C:\Windows\system32>
```