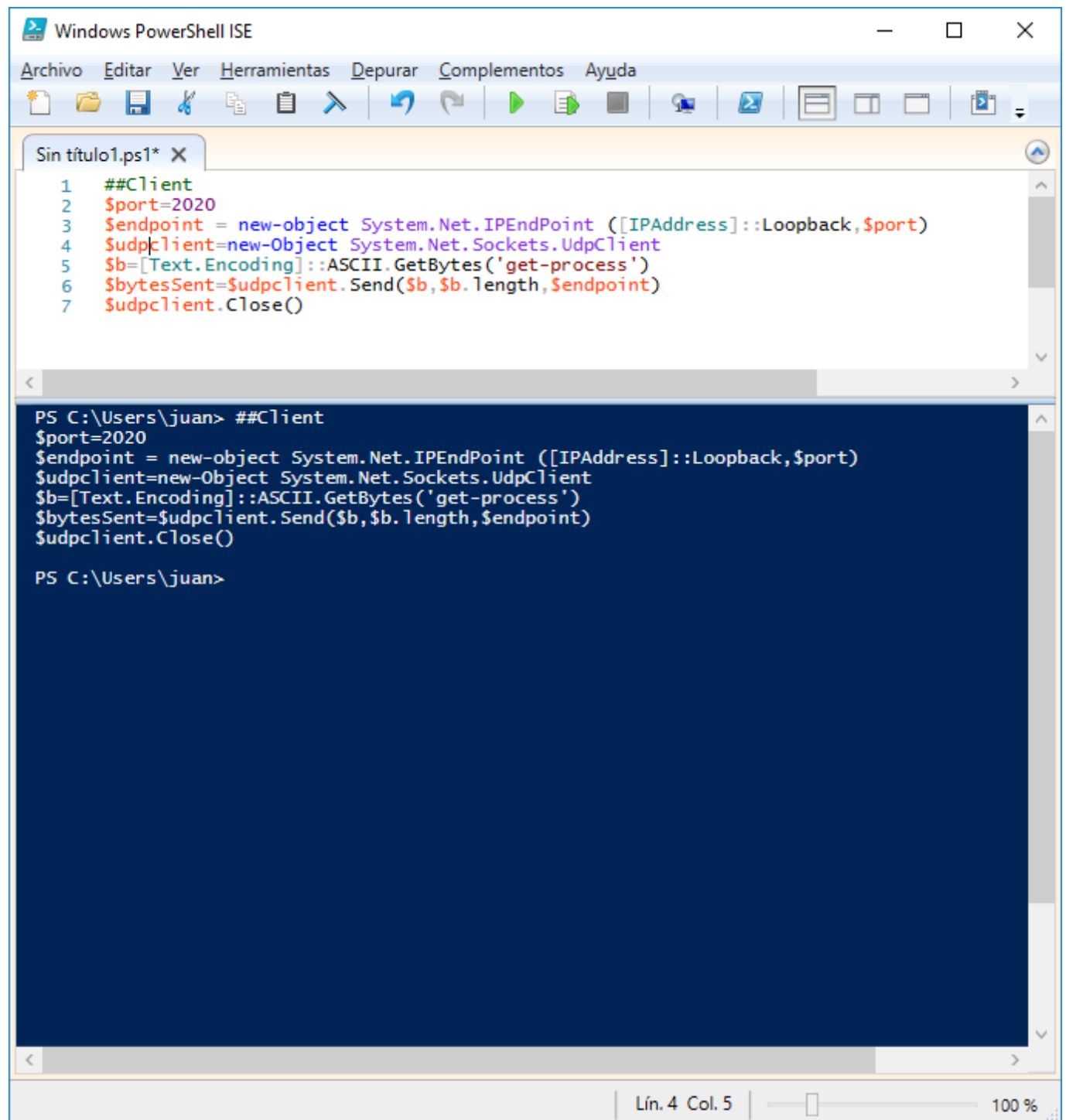


Ejecutar un cmdlet remotamente en un equipo utilizando sockets UDP

Cliente

[crayon-6a9d60725136d382030086/]



The screenshot displays the Windows PowerShell ISE interface. The top menu bar includes 'Archivo', 'Editar', 'Ver', 'Herramientas', 'Depurar', 'Complementos', and 'Ayuda'. Below the menu is a toolbar with various icons for file operations and execution. The main editor window shows a script titled 'Sin título1.ps1*' with the following code:

```
1  ##Client
2  $port=2020
3  $endpoint = new-object System.Net.IPEndPoint ([IPAddress]::Loopback,$port)
4  $udpclient=new-Object System.Net.Sockets.UdpClient
5  $b=[Text.Encoding]::ASCII.GetBytes('get-process')
6  $bytesSent=$udpclient.Send($b,$b.length,$endpoint)
7  $udpclient.Close()
```

The console window below the editor shows the execution of the script. The prompt is 'PS C:\Users\juan>'. The output of the script is as follows:

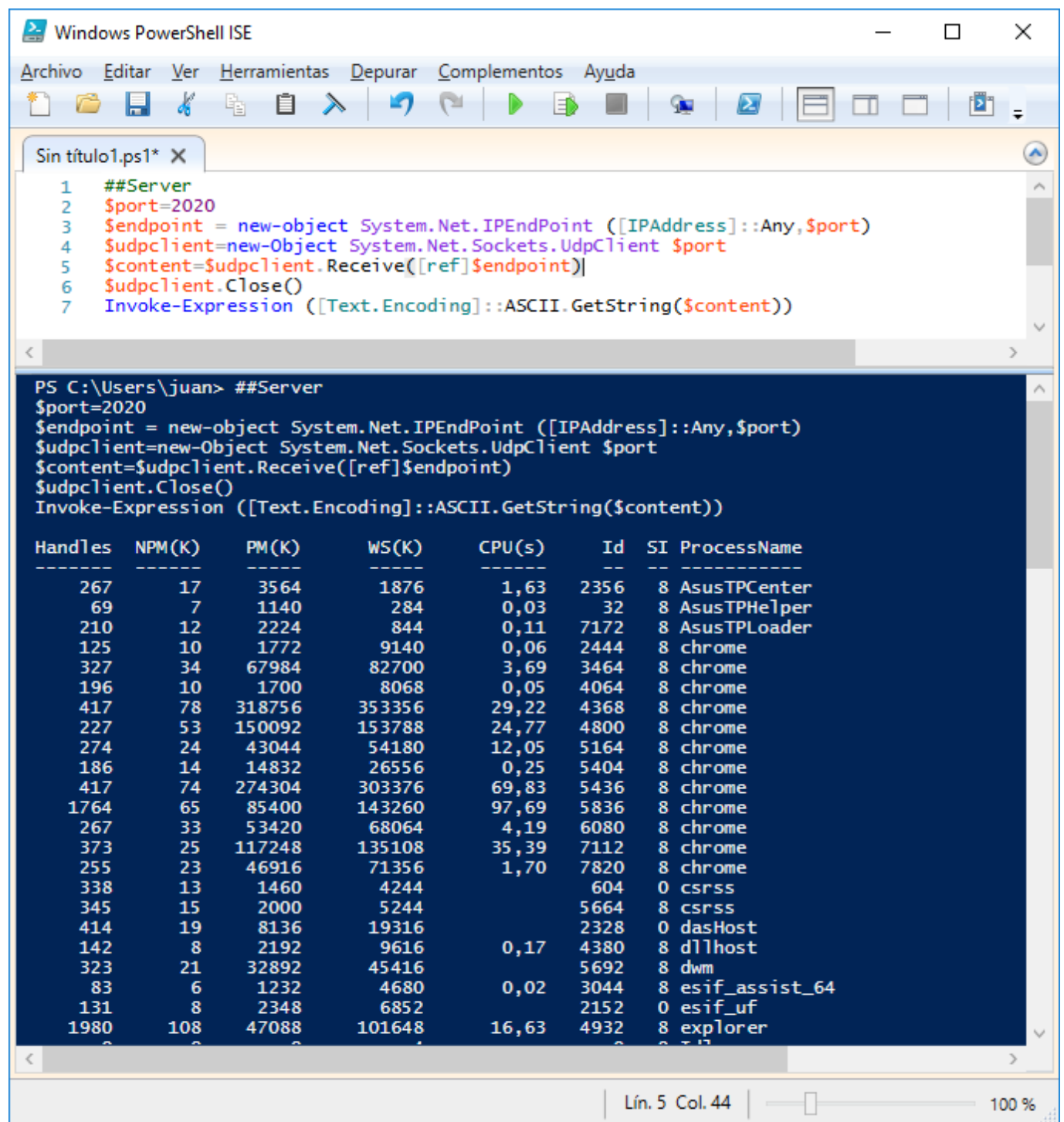
```
PS C:\Users\juan> ##Client
$port=2020
$endpoint = new-object System.Net.IPEndPoint ([IPAddress]::Loopback,$port)
$udpclient=new-Object System.Net.Sockets.UdpClient
$b=[Text.Encoding]::ASCII.GetBytes('get-process')
$bytesSent=$udpclient.Send($b,$b.length,$endpoint)
$udpclient.Close()

PS C:\Users\juan>
```

The status bar at the bottom indicates 'Lín. 4 Col. 5' and a zoom level of '100 %'.

Servidor

[crayon-6a9d607251374362445381/]



The screenshot shows the Windows PowerShell ISE interface. The script editor at the top contains a PowerShell script for a server. The console window at the bottom shows the execution of the script, which outputs a table of system performance metrics.

```
Sin título1.ps1* X
1  ##Server
2  $port=2020
3  $endpoint = new-object System.Net.IPEndPoint ([IPAddress]::Any,$port)
4  $udpcclient=new-Object System.Net.Sockets.UdpClient $port
5  $content=$udpcclient.Receive([ref]$endpoint)
6  $udpcclient.Close()
7  Invoke-Expression ([Text.Encoding]::ASCII.GetString($content))
```

```
PS C:\Users\juan> ##Server
$port=2020
$endpoint = new-object System.Net.IPEndPoint ([IPAddress]::Any,$port)
$udpcclient=new-Object System.Net.Sockets.UdpClient $port
$content=$udpcclient.Receive([ref]$endpoint)
$udpcclient.Close()
Invoke-Expression ([Text.Encoding]::ASCII.GetString($content))
```

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
267	17	3564	1876	1,63	2356	8	AsusTPCenter
69	7	1140	284	0,03	32	8	AsusTPHelper
210	12	2224	844	0,11	7172	8	AsusTPLoader
125	10	1772	9140	0,06	2444	8	chrome
327	34	67984	82700	3,69	3464	8	chrome
196	10	1700	8068	0,05	4064	8	chrome
417	78	318756	353356	29,22	4368	8	chrome
227	53	150092	153788	24,77	4800	8	chrome
274	24	43044	54180	12,05	5164	8	chrome
186	14	14832	26556	0,25	5404	8	chrome
417	74	274304	303376	69,83	5436	8	chrome
1764	65	85400	143260	97,69	5836	8	chrome
267	33	53420	68064	4,19	6080	8	chrome
373	25	117248	135108	35,39	7112	8	chrome
255	23	46916	71356	1,70	7820	8	chrome
338	13	1460	4244		604	0	csrss
345	15	2000	5244		5664	8	csrss
414	19	8136	19316		2328	0	dasHost
142	8	2192	9616	0,17	4380	8	dllhost
323	21	32892	45416		5692	8	dwm
83	6	1232	4680	0,02	3044	8	esif_assist_64
131	8	2348	6852		2152	0	esif_uf
1980	108	47088	101648	16,63	4932	8	explorer

Lín. 5 Col. 44 | 100 %