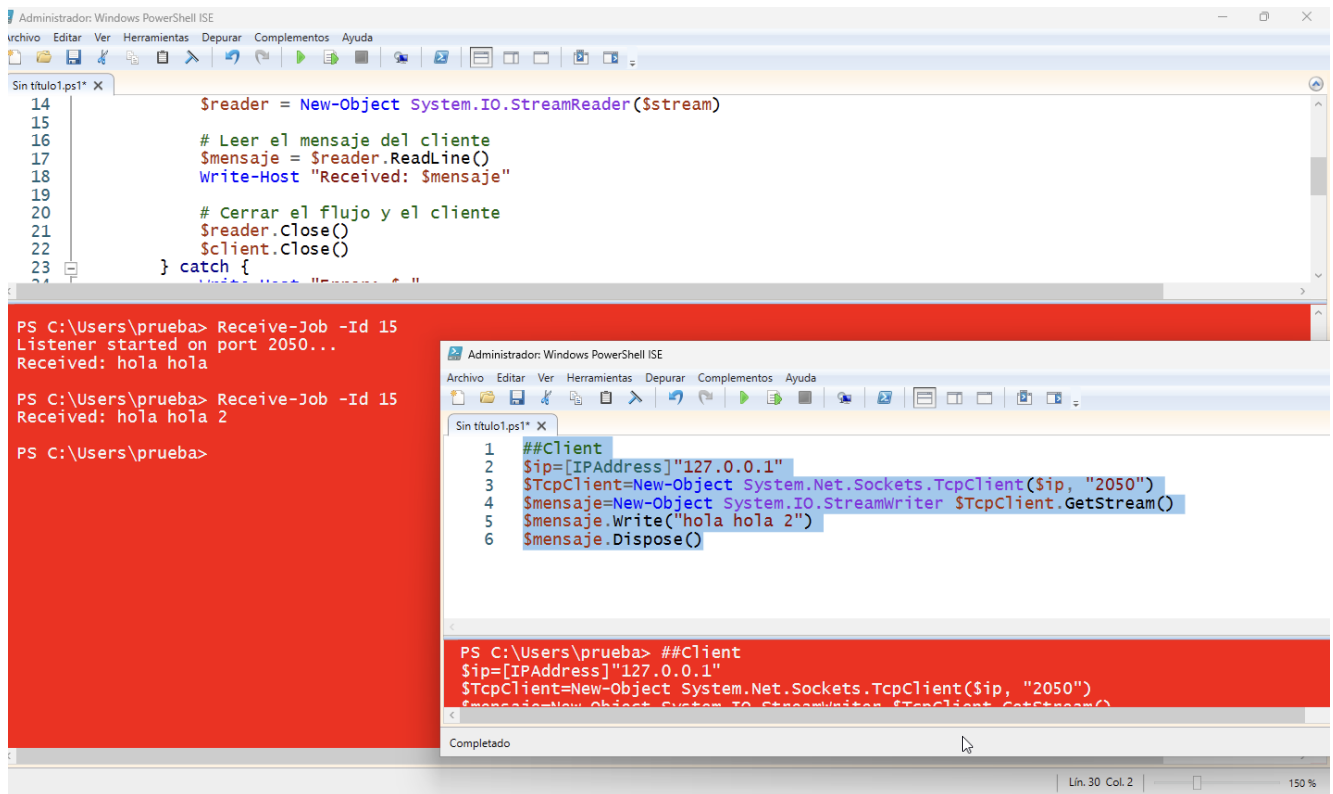


Ejemplo de script PowerShell para ejecutar un TcpListener en un Background Job



The screenshot displays the Windows PowerShell ISE interface. The top pane shows a script file named 'Sin titulo1.ps1' with the following code:

```
14 $reader = New-Object System.IO.StreamReader($stream)
15
16 # Leer el mensaje del cliente
17 $mensaje = $reader.ReadLine()
18 Write-Host "Received: $mensaje"
19
20 # Cerrar el flujo y el cliente
21 $reader.Close()
22 $client.Close()
23 } catch {
24     Write-Host "Error: $_"
25 }
```

The bottom pane shows the execution of the script in a background job. The command entered is `PS C:\Users\prueba> Receive-Job -Id 15`. The output shows the listener started on port 2050 and received two messages: 'Received: hola hola' and 'Received: hola hola 2'.

A second PowerShell ISE window is also visible, showing a script for a client:

```
1 ##Client
2 $ip=[IPAddress]"127.0.0.1"
3 $TcpClient=New-Object System.Net.Sockets.TcpClient($ip, "2050")
4 $mensaje=New-Object System.IO.StreamWriter $TcpClient.GetStream()
5 $mensaje.Write("hola hola 2")
6 $mensaje.Dispose()
```

The bottom pane of this second window shows the execution of the client script, which connects to the listener on 127.0.0.1:2050 and sends the message 'hola hola 2'.

Servidor en background

[crayon-6a9d4f5ed1d77860412650/]

Cliente

[crayon-6a9d4f5ed1d7d155832250/]