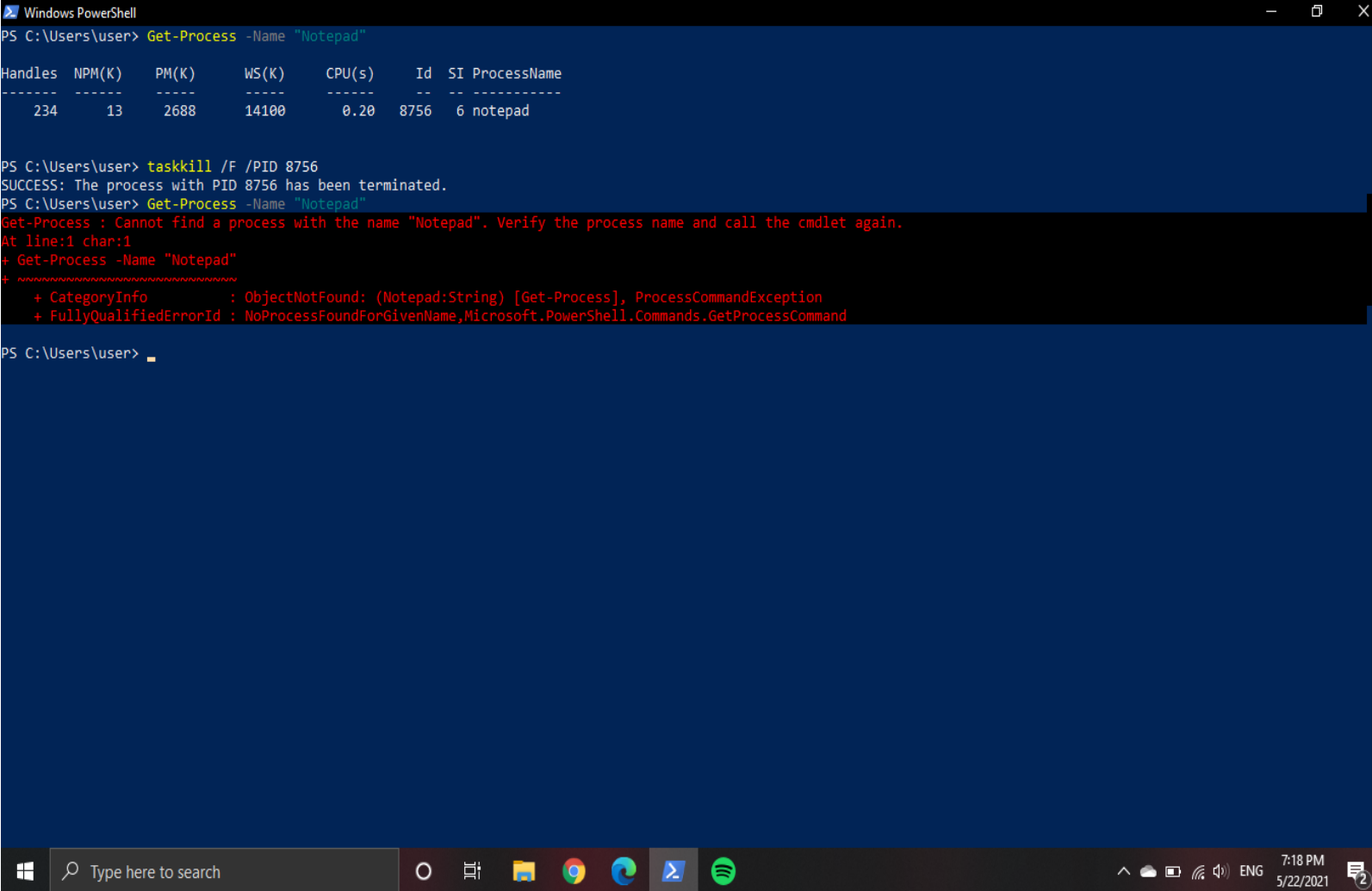


Module 2

Assignment 1

Maintain Efficient Process Utilization on Windows

- Terminate a specific process using Windows PowerShell



```
PS C:\Users\user> Get-Process -Name "Notepad"

Handles  NPM(K)  PM(K)  WS(K)  CPU(s)  Id  SI ProcessName
-----  -
234      13      2688   14100   0.20    8756  6 notepad

PS C:\Users\user> taskkill /F /PID 8756
SUCCESS: The process with PID 8756 has been terminated.
PS C:\Users\user> Get-Process -Name "Notepad"
Get-Process : Cannot find a process with the name "Notepad". Verify the process name and call the cmdlet again.
At line:1 char:1
+ Get-Process -Name "Notepad"
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (Notepad:String) [Get-Process], ProcessCommandException
+ FullyQualifiedErrorId : NoProcessFoundForGivenName,Microsoft.PowerShell.Commands.GetProcessCommand
```

Commands used:

Get-Process – To get information about the processes running

Taskkill – It terminates the process running.

It should be mentioned with its PID (Process ID).

- Terminate multiple processes using Windows PowerShell.

```
Windows PowerShell
PS C:\Users\user> Get-Process -Name "spotify"

Handles NPM(K) PM(K) WS(K) CPU(s) Id SI ProcessName
-----
279 19 11180 17080 0.08 1668 6 Spotify
1386 69 95952 152432 15.17 4904 6 Spotify
772 34 44600 62728 2.84 5840 6 Spotify
424 33 14984 31368 2.69 6588 6 Spotify
418 50 65764 118872 23.61 10020 6 Spotify
296 20 11476 21464 0.28 10312 6 Spotify

PS C:\Users\user> taskkill /F /PID 1668
SUCCESS: The process with PID 1668 has been terminated.
PS C:\Users\user> taskkill /F /PID 4904
SUCCESS: The process with PID 4904 has been terminated.
PS C:\Users\user> taskkill /F /PID 5840
ERROR: The process "5840" not found.
PS C:\Users\user> Get-Process -Name "spotify"
Get-Process : Cannot find a process with the name "spotify". Verify the process name and call the cmdlet again.
At line:1 char:1
+ Get-Process -Name "spotify"
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (spotify:String) [Get-Process], ProcessCommandException
+ FullyQualifiedErrorId : NoProcessFoundForGivenName,Microsoft.PowerShell.Commands.GetProcessCommand

PS C:\Users\user> _
```