

## Semana 4 Terminales

### Ejercicios

1. En el escritorio (/Desktop), crear tres carpetas nombradas Empleado1, Empleado2 y Empleado3.
  2. Dentro de cada carpeta(creadas en el punto 1), crear un archivo de texto con el nombre bienvenida1.txt en la carpeta Empleado1, bienvenida2.txt en la carpeta Empleado2 y bienvenida3.txt en la carpeta Empleado3.
  3. Crear una carpeta en /Desktop llamada Empleados la cual debe contener las carpetas creadas anteriormente. Mover las carpetas del punto 1 a Empleados.
  4. Listar los procesos en el sistema.
  5. En una terminal aparte ejecutar el comando Ping a Google y no lo detenga.
  6. En la terminal actual listar los procesos, identificar el id del proceso Ping a Google y detener la ejecución desde la terminal actual.
  7. Visualice la hora del sistema operativo.
  8. Renombrar los archivos de textos creados en el punto 2, a welcome.txt.
  9. Eliminar la carpeta Empleado creada en el punto 3.
- 

1. **Entrega final:** Debes crear un documento en formato **PDF** que contenga lo siguiente:
  1. **Cada comando que hayas ejecutado**, escrito claramente.
  2. **Una captura de pantalla por cada paso**, donde se muestre la ejecución del comando y el resultado obtenido.

### Todos los codigos

1. Crear Carpetas= mkdir  
  
mkdir Empleado1  
  
mkdir Empleado2  
  
mkdir Empleado3
2. Crear Archivos  
  
New-Item .\Empleado1\bienvenida1.txt  
  
New-Item .\Empleado2\bienvenida2.txt  
  
New-Item .\Empleado3\bienvenida3.txt

### 3. Crear la Carpeta

```
mv Empleado1 Empleados\
```

```
mv Empleado2 Empleados\
```

```
mv Empleado3 Empleados\
```

### 4R= Lista de Procesos

```
Get-Process
```

### 5R= Ejecutar Ping

```
ping -t google.com
```

### 6R= detener Ping

```
Stop-Process -Id 31376
```

### 7R= Hora del Sistema

```
Get-Date
```

### 8R= Renombrar los Archivos

```
Rename-Item .\Empleados\Empleado1\bienvenida1.txt welcome.txt
```

```
Rename-Item .\Empleados\Empleado2\bienvenida2.txt welcome.txt
```

```
Rename-Item .\Empleados\Empleado3\bienvenida3.txt welcome.txt
```

### 9R= Eliminar Carpetas

```
Remove-Item .\Empleados -Recurse
```

## Respuestas

### 1 2 & 3 R.

```
+ FullyQualifiedErrorId : PositionalParameterNotFound,mkdir
PS C:\Users\mauro\Desktop> mkdir .\Empleado1

Directory: C:\Users\mauro\Desktop

Mode                LastWriteTime         Length Name
----                -
d-----          11/16/2025   5:27 PM             Empleado1

PS C:\Users\mauro\Desktop> mkdir .\Empleado2

Directory: C:\Users\mauro\Desktop

Mode                LastWriteTime         Length Name
----                -
d-----          11/16/2025   5:27 PM             Empleado2

PS C:\Users\mauro\Desktop> mkdir .\Empleado3

Directory: C:\Users\mauro\Desktop

Mode                LastWriteTime         Length Name
----                -
d-----          11/16/2025   5:27 PM             Empleado3
```

```
Windows PowerShell
PS C:\Users\mauro\Desktop> mkdir Empleados

Directory: C:\Users\mauro\Desktop

Mode                LastWriteTime         Length Name
----                -
d-----          11/16/2025   5:32 PM             Empleados

PS C:\Users\mauro\Desktop> mv Empleado1 Empleados\
PS C:\Users\mauro\Desktop> mv Empleado2 Empleados\
PS C:\Users\mauro\Desktop> mv Empleado3 Empleados\
PS C:\Users\mauro\Desktop> ls Empleados

Directory: C:\Users\mauro\Desktop\Empleados

Mode                LastWriteTime         Length Name
----                -
d-----          11/16/2025   5:27 PM             Empleado1
d-----          11/16/2025   5:27 PM             Empleado2
d-----          11/16/2025   5:27 PM             Empleado3

PS C:\Users\mauro\Desktop> New-Item .\Empleado1\bienvenidal.txt
New-Item : Could not find a part of the path 'C:\Users\mauro\Desktop\Empleado1\bienvenidal.txt'.
At line:1 char:1
+ New-Item .\Empleado1\bienvenidal.txt
+ ~~~~~
+ CategoryInfo          : WriteError: (C:\Users\mauro\...\bienvenidal.txt:String) [New-Item], DirectoryNotFoundException
+ FullyQualifiedErrorId : NewItemIOError,Microsoft.PowerShell.Commands.NewItemCommand

PS C:\Users\mauro\Desktop> New-Item .\Empleados\Empleado1\bienvenidal.txt

Directory: C:\Users\mauro\Desktop\Empleados\Empleado1
```

```
Windows PowerShell
+ FullyQualifiedErrorId : NewItemIOError,Microsoft.PowerShell.Commands.NewItemCommand

PS C:\Users\mauro\Desktop> New-Item .\Empleados\Empleado1\bienvenida1.txt

Directory: C:\Users\mauro\Desktop\Empleados\Empleado1

Mode                LastWriteTime         Length Name
----                -
-a-----         11/16/2025   5:37 PM             0 bienvenida1.txt

PS C:\Users\mauro\Desktop> New-Item .\Empleados\Empleado2\bienvenida2.txt

Directory: C:\Users\mauro\Desktop\Empleados\Empleado2

Mode                LastWriteTime         Length Name
----                -
-a-----         11/16/2025   5:37 PM             0 bienvenida2.txt

PS C:\Users\mauro\Desktop> New-Item .\Empleados\Empleado3\bienvenida3.txt

Directory: C:\Users\mauro\Desktop\Empleados\Empleado3

Mode                LastWriteTime         Length Name
----                -
-a-----         11/16/2025   5:38 PM             0 bienvenida3.txt

PS C:\Users\mauro\Desktop> Get-Process

Handles   NPM(K)    PM(K)      WS(K)      CPU(s)      Id  SI ProcessName
-----
488        25    40720         0         0.56   29236 2 AccountsControlHost
245        14     8644      2776         0.00   6004 0 AggregatorHost
```

4R= Get-Process

```
PS C:\Users\mauro\Desktop> Get-Process

Handles   NPM(K)    PM(K)      WS(K)      CPU(s)      Id  SI ProcessName
-----
488        25    40720         0         0.56   29236 2 AccountsControlHost
245        14     8644      2776         0.00   6004 0 AggregatorHost
511        42    63388    1968         11.23   12760 2 AnyDesk
619        38    45200    3388         23.34   20088 0 AnyDesk
491        29    46388    1396         4,137.83  29436 2 AnyDesk
308        18    11940    4160         47.58   14884 2 AppActions
631        27    74752    4152         13.16   8028 2 ApplicationFrameHost
179        11     2216         0         0.06   21932 2 AppVShNotify
471        35    19352    5384         0.94   15952 2 backgroundTaskHost
180        10     7996     192         1,684.78  9692 2 bash
481        25    42860    3556         50.61     784 2 brave
423        27    15364    6600         407.84  14704 2 brave
192        12     2564         4         1.94   16548 2 brave
227        16     9012    1964         1,524.89  23376 2 brave
1442       59   118612   32604         7,473.48  25524 2 brave
876        70   343832   11964         4,768.30  29344 2 brave
283        18     9136    2036         85.50   30112 2 brave
287        80   592256   1356         260.81   1856 2 Code
195        20    34004    1636         89.94   1964 2 Code
264        14    11200     488         2.48    3060 2 Code
408        41   110828    4656         217.92   3252 2 Code
374        21    16308    3576         111.55   4912 2 Code
1040       28   154316    5964         227.36   9640 2 Code
528        52   321408    3768         493.97  10008 2 Code
1430       348   125528   16392         909.03  14168 2 Code
359        31    97896    5000         130.67  19424 2 Code
367        31    85596    3468         469.03  21084 2 Code
503        62   1019172  6656         671.45   21188 2 Code
192        12     7556         4         0.75   15804 2 CodeSetup-stable-ac4cbdf48759c7d8c3eb91ffe6bb04316e263c57
383        25    25960     532         107.45   7092 2 CodeSetup-stable-ac4cbdf48759c7d8c3eb91ffe6bb04316e263c57.tmp
111         9     1052         0         0.00     5928 0 conhost
146        11    1856         0         0.33   9800 2 conhost
76         8     1152         4         0.00   10912 0 conhost
98         8     1192         0         0.19   11580 2 conhost
151        11    2076         4         0.33   16860 2 conhost
139         9     1756         4         0.17   20128 2 conhost
149        11    1900         4         0.28   22584 2 conhost
```

5R= PING

```
Python 3.13 (64-bit)  Windows PowerShell  Windows PowerShell  + v
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\mauro> ping google.com -t

Pinging google.com [2607:f8b0:4008:805::200e] with 32 bytes of data:
Reply from 2607:f8b0:4008:805::200e: time=24ms
Reply from 2607:f8b0:4008:805::200e: time=18ms
Reply from 2607:f8b0:4008:805::200e: time=17ms
Reply from 2607:f8b0:4008:805::200e: time=16ms
Reply from 2607:f8b0:4008:805::200e: time=15ms
Reply from 2607:f8b0:4008:805::200e: time=16ms
Reply from 2607:f8b0:4008:805::200e: time=14ms
Reply from 2607:f8b0:4008:805::200e: time=15ms
Reply from 2607:f8b0:4008:805::200e: time=17ms
Reply from 2607:f8b0:4008:805::200e: time=14ms
Reply from 2607:f8b0:4008:805::200e: time=19ms
Reply from 2607:f8b0:4008:805::200e: time=25ms
Reply from 2607:f8b0:4008:805::200e: time=14ms
Reply from 2607:f8b0:4008:805::200e: time=22ms
Reply from 2607:f8b0:4008:805::200e: time=19ms
Reply from 2607:f8b0:4008:805::200e: time=10ms
Reply from 2607:f8b0:4008:805::200e: time=13ms
Reply from 2607:f8b0:4008:805::200e: time=15ms
Reply from 2607:f8b0:4008:805::200e: time=10ms
Reply from 2607:f8b0:4008:805::200e: time=16ms
Reply from 2607:f8b0:4008:805::200e: time=14ms
Reply from 2607:f8b0:4008:805::200e: time=19ms
Reply from 2607:f8b0:4008:805::200e: time=21ms
Reply from 2607:f8b0:4008:805::200e: time=13ms
Reply from 2607:f8b0:4008:805::200e: time=15ms
Reply from 2607:f8b0:4008:805::200e: time=13ms
Reply from 2607:f8b0:4008:805::200e: time=8ms
Reply from 2607:f8b0:4008:805::200e: time=17ms
Reply from 2607:f8b0:4008:805::200e: time=12ms
Reply from 2607:f8b0:4008:805::200e: time=9ms
Reply from 2607:f8b0:4008:805::200e: time=17ms
Reply from 2607:f8b0:4008:805::200e: time=13ms
Reply from 2607:f8b0:4008:805::200e: time=12ms
```

Stop Ping

```
Python 3.13 (64-bit) x Windows PowerShell x Windows PowerShell x + v
Reply from 2607:f8b0:4008:805::200e: time=14ms
Reply from 2607:f8b0:4008:805::200e: time=13ms
Reply from 2607:f8b0:4008:805::200e: time=18ms
Reply from 2607:f8b0:4008:805::200e: time=27ms
Reply from 2607:f8b0:4008:805::200e: time=13ms
Reply from 2607:f8b0:4008:805::200e: time=13ms
Reply from 2607:f8b0:4008:805::200e: time=15ms
Reply from 2607:f8b0:4008:805::200e: time=14ms
Reply from 2607:f8b0:4008:805::200e: time=13ms
Reply from 2607:f8b0:4008:805::200e: time=15ms
Reply from 2607:f8b0:4008:805::200e: time=18ms
Reply from 2607:f8b0:4008:805::200e: time=14ms
Reply from 2607:f8b0:4008:805::200e: time=15ms
Reply from 2607:f8b0:4008:805::200e: time=11ms
Reply from 2607:f8b0:4008:805::200e: time=23ms
Reply from 2607:f8b0:4008:805::200e: time=17ms
Reply from 2607:f8b0:4008:805::200e: time=14ms
Reply from 2607:f8b0:4008:805::200e: time=15ms
Reply from 2607:f8b0:4008:805::200e: time=16ms
Reply from 2607:f8b0:4008:805::200e: time=18ms
Reply from 2607:f8b0:4008:805::200e: time=26ms
Reply from 2607:f8b0:4008:805::200e: time=16ms
Reply from 2607:f8b0:4008:805::200e: time=16ms
Reply from 2607:f8b0:4008:805::200e: time=16ms
Reply from 2607:f8b0:4008:805::200e: time=19ms
Reply from 2607:f8b0:4008:805::200e: time=15ms
Reply from 2607:f8b0:4008:805::200e: time=17ms
Reply from 2607:f8b0:4008:805::200e: time=13ms
Reply from 2607:f8b0:4008:805::200e: time=13ms
Reply from 2607:f8b0:4008:805::200e: time=16ms
PS C:\Users\mauro> *Get-ProcessGet-Process pingGet-Process ping
Get-ProcessGet-Process : The term 'Get-ProcessGet-Process' is not recognized as the name of a cmdlet, function, script file, or operable program. Check
the spelling of the name, or if a path was included, verify that the path is correct and try again.
At line:1 char:1
+ Get-ProcessGet-Process pingGet-Process pingGet-Process ping
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (Get-ProcessGet-Process:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\mauro> |
```

```
Python 3.13 (64-bit) x Windows PowerShell x Windows PowerShell x + v
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\mauro> ping google.com

Pinging google.com [2607:f8b0:4008:802::200e] with 32 bytes of data:
Reply from 2607:f8b0:4008:802::200e: time=12ms
Reply from 2607:f8b0:4008:802::200e: time=27ms
Reply from 2607:f8b0:4008:802::200e: time=13ms
Reply from 2607:f8b0:4008:802::200e: time=10ms

Ping statistics for 2607:f8b0:4008:802::200e:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 10ms, Maximum = 27ms, Average = 15ms
PS C:\Users\mauro> Get-Process ping

Handles NPM(K) PM(K) WS(K) CPU(s) Id SI ProcessName
-----
97 7 1204 1316 0.41 31376 2 PING

PS C:\Users\mauro> Stop-Process -Id 31376
PS C:\Users\mauro> |
```

7) Time

```

Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\mauro> ping google.com

Pinging google.com [2607:f8b0:4008:802::200e] with 32 bytes of data:
Reply from 2607:f8b0:4008:802::200e: time=12ms
Reply from 2607:f8b0:4008:802::200e: time=27ms
Reply from 2607:f8b0:4008:802::200e: time=13ms
Reply from 2607:f8b0:4008:802::200e: time=10ms

Ping statistics for 2607:f8b0:4008:802::200e:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 10ms, Maximum = 27ms, Average = 15ms
PS C:\Users\mauro> Get-Process ping

Handles   NPM(K)    PM(K)      WS(K)      CPU(s)      Id  SI ProcessName
-----
          97         7      1204       1316         0.41  31376  2 PING

PS C:\Users\mauro> Stop-Process -Id 31376
PS C:\Users\mauro> Get-Date

Sunday, November 16, 2025 5:59:04 PM

PS C:\Users\mauro>

```

## 8) Rename

```

Windows PowerShell
970      36      14084      11432      168.95      17764      2 XboxPcAppFT
645      31      42244      4396       38.33      19508      2 XboxPcTray

PS C:\Users\mauro\Desktop> Rename-Item .\Empleados\Empleado1\bienvenida1.txt welcome.txt
PS C:\Users\mauro\Desktop> Rename-Item .\Empleados\Empleado2\bienvenida2.txt welcome.txt
PS C:\Users\mauro\Desktop> Rename-Item .\Empleados\Empleado3\bienvenida3.txt welcome.txt
PS C:\Users\mauro\Desktop> ls .\Empleados\Empleado1

Directory: C:\Users\mauro\Desktop\Empleados\Empleado1

Mode                LastWriteTime         Length Name
----                -
-a-----          11/16/2025   5:37 PM              0 welcome.txt

PS C:\Users\mauro\Desktop> ls .\Empleados\Empleado2

Directory: C:\Users\mauro\Desktop\Empleados\Empleado2

Mode                LastWriteTime         Length Name
----                -
-a-----          11/16/2025   5:37 PM              0 welcome.txt

PS C:\Users\mauro\Desktop> ls .\Empleados\Empleado3

Directory: C:\Users\mauro\Desktop\Empleados\Empleado3

Mode                LastWriteTime         Length Name
----                -
-a-----          11/16/2025   5:38 PM              0 welcome.txt

```

## 9)Eliminar

```
Windows PowerShell
Directory: C:\Users\mauro\Desktop\Empleados\Empleado2

Mode                LastWriteTime         Length Name
----                -
-a-----         11/16/2025   5:37 PM             0 welcome.txt

PS C:\Users\mauro\Desktop> ls .\Empleados\Empleado3

Directory: C:\Users\mauro\Desktop\Empleados\Empleado3

Mode                LastWriteTime         Length Name
----                -
-a-----         11/16/2025   5:38 PM             0 welcome.txt

PS C:\Users\mauro\Desktop> Remove-Item .\Empleados -Recurse
PS C:\Users\mauro\Desktop> ls

Directory: C:\Users\mauro\Desktop

Mode                LastWriteTime         Length Name
----                -
-a-----         11/7/2025    4:39 PM          223 Dispatch.url
-a-----         11/9/2025    2:34 PM          222 FINAL FANTASY XV WINDOWS EDITION.url
-a-----         11/9/2025    3:27 PM       1471 NVIDIA GeForce NOW.lnk
-a-----         11/8/2025    5:55 PM       2582 Paradox Launcher v2.lnk
-a-----         11/8/2025   12:47 PM          222 Stellaris.url
-a-----         11/10/2025   12:01 PM          222 The Wolf Among Us.url
-a-----         11/8/2025   10:48 AM       1407 Visual Studio Code.lnk
-a-----         11/8/2025    9:57 AM          222 XCOM 2.url

PS C:\Users\mauro\Desktop>
```