

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 códigos

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\bienvenida1.txt
New-Item : Could not find a part of the path 'C:\Users\mauro\Desktop\Empleado1\bienvenida1.txt'.
At line:1 char:1
+ New-Item .\Empleado1\bienvenida1.txt
+ ~~~~~
+ CategoryInfo          : WriteError: (C:\Users\mauro\...bienvenida1.txt:String) [New-Item], DirectoryNotFoundException
+ FullyQualifiedErrorId : NewItemIOError,Microsoft.PowerShell.Commands.NewItemCommand

PS C:\Users\mauro\Desktop> New-Item .\Empleados\Empleado1\bienvenida1.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     0.56  6004  0 AggregatorHost
  511     42    63388        1968    11.23  12766  2 AnyDesk
  619     38    45200        3388    23.34  20088  0 AnyDesk
  491     29    46388        1396   4,137.83  29436  2 AnyDesk
  308     18    11900        4168    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        6608    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  25254  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    340904       1636    89.94  1964  2 Code
  264     14    112000        488     2.48  3068  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    321488       3768    493.97  18098  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    1819172       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     1952        100          5928  0 conhost
  146     11    1856          0     0.33  9800  2 conhost
  76      8     1152          4          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

```

4R= Get-Process

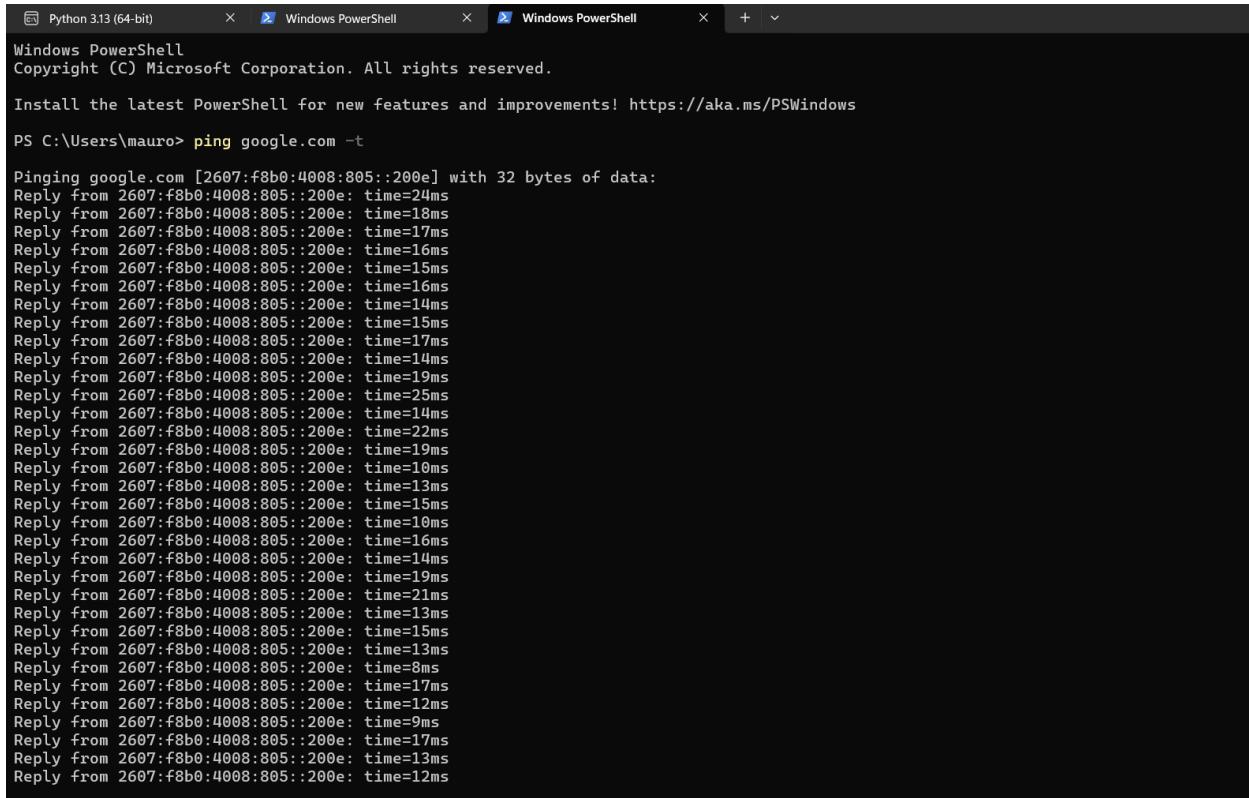
```

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     0.56  6004  0 AggregatorHost
  511     42    63388        1968    11.23  12766  2 AnyDesk
  619     38    45200        3388    23.34  20088  0 AnyDesk
  491     29    46388        1396   4,137.83  29436  2 AnyDesk
  308     18    11900        4168    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        6608    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  25254  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    340904       1636    89.94  1964  2 Code
  264     14    112000        488     2.48  3068  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    321488       3768    493.97  18098  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    1819172       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     1952        100          5928  0 conhost
  146     11    1856          0     0.33  9800  2 conhost
  76      8     1152          4          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
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)  Windows PowerShell  Windows PowerShell
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=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 ping
+ ~~~~~
    + CategoryInfo          : ObjectNotFound: (Get-ProcessGet-Process:String) [], CommandNotFoundException
    + FullyQualifiedErrorId : CommandNotFoundException
PS C:\Users\mauro> |

```

```

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>
```