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Curso: ADS

```
PS C:\Users\Vini> Get-Date

terça-feira, 9 de agosto de 2022 07:46:41
```

```
PS C:\Users\Vini> Get-Date -Date "27/10/2012"

sábado, 27 de outubro de 2012 00:00:00
```

```
PS C:\Users\Vini> echo $texto
O primeiro comando retorna o dia da semana o dia o mês e o ano, o segundo comando retorna o dia da semana, dia, mês, ano e o horário e atual, o terceiro retorna o horário atual.

PS C:\Users\Vini> Get-Date -DisplayHint Date

terça-feira, 9 de agosto de 2022

PS C:\Users\Vini> Get-Date -DisplayHint DateTime

terça-feira, 9 de agosto de 2022 07:58:42

PS C:\Users\Vini> Get-Date -DisplayHint Time

07:58:45
```

```
PS C:\Users\Vini> echo $texto
As formas de saídas são diferentes, ao formatar de uma maneira correta pode se inserir em um banco de dados de forma adequada.

PS C:\Users\Vini> Get-Date -Format "dddd MM/dd/yyyy HH:mm K"

terça-feira 08/09/2022 08:03 -03:00

PS C:\Users\Vini> Get-Date -Format "dddd MM/dd/yyyy"

terça-feira 08/09/2022

PS C:\Users\Vini> Get-Date -Format "dddd MM/dd"

terça-feira 08/09
```

```
PS C:\Users\Vini> Get-Date -Year 1999

segunda-feira, 9 de agosto de 1999 08:04:19
```

```
PS C:\Users\Vini> echo $texto
Dia da semana da minha data de Nasc.

PS C:\Users\Vini> Get-Date -Year 2003 -Month 10 -Day 27

segunda-feira, 27 de outubro de 2003 08:06:17
```

```
PS C:\Users\Vini> $DST = Get-Date

PS C:\Users\Vini> $DST.IsDaylightSavingTime()
False
```

Cmdlet	Get-WindowsReservedStorageState	3.0	Dism
Cmdlet	Get-WindowsSearchSetting	1.0.0.0	WindowsSearch
Cmdlet	Get-WinEvent	3.0.0.0	Microsoft.PowerShell.Diagnostics
Cmdlet	Get-WinHomeLocation	2.0.0.0	International
Cmdlet	Get-WinLanguageBarOption	2.0.0.0	International
Cmdlet	Get-WinSystemLocale	2.0.0.0	International
Cmdlet	Get-WinUILanguageOverride	2.0.0.0	International
Cmdlet	Get-WinUserLanguageList	2.0.0.0	International
Cmdlet	Get-WmiObject	3.1.0.0	Microsoft.PowerShell.Management
Cmdlet	Get-WSManCredSSP	3.0.0.0	Microsoft.WSMan.Management
Cmdlet	Get-WSManInstance	3.0.0.0	Microsoft.WSMan.Management

```
PS C:\Users\Vini> cls|
```

```
PS C:\Users\Vini> Get-Alias "cat"
```

CommandType	Name	Version	Source
Alias	cat -> Get-Content		

```
PS C:\Users\Vini> Get-Alias "cd"
```

CommandType	Name	Version	Source
Alias	cd -> Set-Location		

```
PS C:\Users\Vini> Get-Alias "chdir"
```

CommandType	Name	Version	Source
Alias	chdir -> Set-Location		

```
PS C:\Users\Vini> Get-Alias "clear"
```

CommandType	Name	Version	Source
Alias	clear -> Clear-Host		

```
PS C:\Users\Vini> Get-Alias "cls"
```

CommandType	Name	Version	Source
Alias	cls -> Clear-Host		

```
PS C:\Users\Vini> Get-Alias "copy"
```

CommandType	Name	Version	Source
Alias	copy -> Copy-Item		

```
PS C:\Users\Vini> Get-Alias "del"
```

CommandType	Name	Version	Source
Alias	del -> Remove-Item		

```
PS C:\Users\Vini> Get-Alias "diff"
```

CommandType	Name	Version	Source
Alias	diff -> Compare-Object		

```
PS C:\Users\Vini> Get-Alias "dir"
```

CommandType	Name	Version	Source
Alias	dir -> Get-ChildItem		

```
PS C:\Users\Vini> Get-Alias "echo"
```

CommandType	Name	Version	Source
Alias	echo -> Write-Output		

```
PS C:\Users\Vini> Get-Alias "erase"
```

CommandType	Name	Version	Source
Alias	erase -> Remove-Item		

```
PS C:\Users\Vini> Get-Alias "r"
```

CommandType	Name	Version	Source
Alias	r -> Invoke-History		

```
PS C:\Users\Vini> Get-Alias "ren"
```

CommandType	Name	Version	Source
Alias	ren -> Rename-Item		

```
PS C:\Users\Vini> Get-Alias "h"
```

CommandType	Name	Version	Source
Alias	h -> Get-History		

```
PS C:\Users\Vini> Get-Alias "history"
```

CommandType	Name	Version	Source
Alias	history -> Get-History		

```
PS C:\Users\Vini> Get-Alias "kill"
```

CommandType	Name	Version	Source
Alias	kill -> Stop-Process		

```
PS C:\Users\Vini> Get-Alias "lp"
```

CommandType	Name	Version	Source
Alias	lp -> Out-Printer		

```
PS C:\Users\Vini> Get-Alias "ls"
```

CommandType	Name	Version	Source
Alias	ls -> Get-ChildItem		

```
PS C:\Users\Vini> Get-Alias "move"
```

CommandType	Name	Version	Source
Alias	move -> Move-Item		

```
PS C:\Users\Vini> Get-Alias "popd"
```

CommandType	Name	Version	Source
Alias	popd -> Pop-Location		

```
PS C:\Users\Vini> Get-Alias "ps"
```

CommandType	Name	Version	Source
Alias	ps -> Get-Process		

```
PS C:\Users\Vini> Get-Alias "pushd"
```

CommandType	Name	Version	Source
Alias	pushd -> Push-Location		

```
PS C:\Users\Vini> Get-Alias "pwd"
```

CommandType	Name	Version	Source
Alias	pwd -> Get-Location		

```
PS C:\Users\Vini> Get-Alias "rm"
```

CommandType	Name	Version	Source
Alias	rm -> Remove-Item		

```
PS C:\Users\Vini> Get-Alias "ren"
```

CommandType	Name	Version	Source
Alias	ren -> Rename-Item		

```
PS C:\Users\Vini> Get-Alias "rmdir"
```

CommandType	Name	Version	Source
Alias	rmdir -> Remove-Item		

```
PS C:\Users\Vini> Get-Alias "sleep"
```

CommandType	Name	Version	Source
Alias	sleep -> Start-Sleep		

```
PS C:\Users\Vini> Get-Alias "sort"
```

CommandType	Name	Version	Source
Alias	sort -> Sort-Object		

```
PS C:\Users\Vini> Get-Alias "tee"
```

CommandType	Name	Version	Source
Alias	tee -> Tee-Object		

```
PS C:\Users\Vini> Get-Alias "type"
```

CommandType	Name	Version	Source
Alias	type -> Get-Content		

```
PS C:\Users\Vini> Get-Alias "write"
```

CommandType	Name	Version	Source
Alias	write -> Write-Output		

```
PS C:\Users\Vini\Desktop> New-Item -Path '\Users\Vini\Desktop\file.txt' -ItemType File
```

Diretório: C:\Users\Vini\Desktop

Mode	LastWriteTime	Length	Name
-a----	09/08/2022 08:20	0	file.txt

```
PS C:\Users\Vini\Desktop> New-Item file01.txt
```

Diretório: C:\Users\Vini\Desktop

Mode	LastWriteTime	Length	Name
-a----	09/08/2022 08:20	0	file01.txt

```
PS C:\Users\Vini\Desktop> dir
```

Diretório: C:\Users\Vini\Desktop

Mode	LastWriteTime	Length	Name
d-----	09/08/2022 08:17		atividade_02_S0
d-----	28/07/2022 14:35		Cursos
d-----	11/06/2022 09:59		penDrive
d-----	21/06/2022 18:34		petOasisPlus
d-----	26/07/2022 17:37		prjPoweBI
d-----	03/08/2022 08:06		Sp-Tech
-a----	05/08/2022 16:04	112	atividade Pi.txt
-a----	09/08/2022 08:21	4	file.txt
-a----	09/08/2022 08:21	4	file01.txt
-a----	25/01/2022 23:52	12	Novo Documento de Texto (2).txt
-a----	18/02/2022 21:07	8	senhaMysq.txt

```
PS C:\Users\Vini\Desktop> rm file01.txt
```

```
PS C:\Users\Vini\Desktop> dir
```

Diretório: C:\Users\Vini\Desktop

Mode	LastWriteTime	Length	Name
d-----	09/08/2022 08:23		atividade_02_S0
d-----	28/07/2022 14:35		Cursos
d-----	11/06/2022 09:59		penDrive
d-----	21/06/2022 18:34		petOasisPlus
d-----	26/07/2022 17:37		prjPoweBI
d-----	03/08/2022 08:06		Sp-Tech
-a----	05/08/2022 16:04	112	atividade Pi.txt
-a----	09/08/2022 08:21	4	file.txt
-a----	25/01/2022 23:52	12	Novo Documento de Texto (2).txt
-a----	18/02/2022 21:07	8	senhaMysq.txt

```
PS C:\Users\Vini\Desktop> cat >file2.dat *.txt
```

```
PS C:\Users\Vini\Desktop> dir
```

Diretório: C:\Users\Vini\Desktop

Mode	LastWriteTime	Length	Name
d-----	09/08/2022 08:26		atividade_02_S0
d-----	28/07/2022 14:35		Cursos
d-----	11/06/2022 09:59		penDrive
d-----	21/06/2022 18:34		petOasisPlus
d-----	26/07/2022 17:37		prjPoweBI
d-----	03/08/2022 08:06		Sp-Tech
-a-----	05/08/2022 16:04	112	atividade Pi.txt
-a-----	09/08/2022 08:21	4	file.txt
-a-----	09/08/2022 08:25	290	file2
-a-----	09/08/2022 08:26	290	file2.dat

```
Windows PowerShell ISE
Arquivo Editar Exibir Ferramentas Depurar Complementos Ajuda
Script
PS C:\Users\Vini> Get-ItemProperty HKLM:\Software\Wow6432Node\Microsoft\Windows\CurrentVersion\Uninstall\* | Select-Object DisplayName,DisplayVersion | Sort-Object -Property DisplayName -Unique | Format-Table
+-----+-----+
| DisplayName | DisplayVersion |
+-----+-----+
| AnyDesk | ad 7.0.13 |
| ClickOnce Bootstrapper Package for Microsoft .NET Framework | 4.8.04162 |
| Entity Framework 6.2.0 Tools for Visual Studio 2022 | 6.2.0.0 |
| Google Chrome | 104.0.5112.80 |
| icecap_collection_neutral | 17.2.32408 |
| icecap_collectionresources | 17.2.32408 |
| Integration Services | 15.0.2000.130 |
| IntelliTraceProfilerProxy | 15.0.21225.01 |
| Java Auto Updater | 2.8.335.2 |
| Microsoft .NET Framework 4.7.2 Targeting Pack | 4.7.03062 |
| Microsoft .NET Framework 4.8 SDK | 4.8.03928 |
| Microsoft .NET Framework 4.8 Targeting Pack | 4.8.03761 |
| Microsoft .NET Host FX Resolver - 6.0.7 (x86) | 48.31.44002 |
| Microsoft .NET Runtime - 6.0.7 (x86) | 48.31.44002 |
| Microsoft .NET Targeting Pack - 6.0.7 (x86) | 48.31.44002 |
| Microsoft ASP.NET Core 6.0.7 Shared Framework (x86) | 6.0.7.22322 |
| Microsoft ASP.NET Core 6.0.7 Targeting Pack (x86) | 6.0.7.22322 |
| Microsoft ASP.NET Diagnostic Pack For Visual Studio | 17.2.393.26812 |
| Microsoft Edge | 104.0.1293.47 |
| Microsoft Edge Update | 1.3.165.21 |
| Microsoft Edge WebView2 Runtime | 104.0.1293.47 |
| Microsoft Help Viewer 2.3 | 2.3.28107 |
| Microsoft NetStandard SDK | 15.0.51105 |
| Microsoft Power BI Desktop | 2.107.841.0 |
| Microsoft SQL Server Management Studio - 18.8 | 15.0.18369.0 |
| Microsoft TestPlatform SDK Local Feed | 17.0.0.5175695 |
| Microsoft Visual C++ 2013 Redistributable (x86) - 12.0.30501 | 12.0.30501.0 |
| Microsoft Visual C++ 2013 x86 Additional Runtime - 12.0.21005 | 12.0.21005 |
| Microsoft Visual C++ 2013 x86 Minimum Runtime - 12.0.21005 | 12.0.21005 |
| Microsoft Visual C++ 2015-2019 Redistributable (x64) - 14.28.29325 | 14.28.29325.2 |
| Microsoft Visual C++ 2015-2022 Redistributable (x86) - 14.32.31332 | 14.32.31332.0 |
| Microsoft Visual C++ 2022 x86 Additional Runtime - 14.32.31332 | 14.32.31332 |
| Microsoft Visual C++ 2022 x86 Minimum Runtime - 14.32.31332 | 14.32.31332 |
| Microsoft Visual Studio Setup Configuration | 3.2.2137.26324 |
| Microsoft Visual Studio Setup WMI Provider | 3.2.2137.26324 |
| Microsoft Visual Studio Tools For Applications 2017 | 15.0.27520 |
| Microsoft Visual Studio Tools For Applications 2017 x86 Hosting Support | 15.0.27520 |
| Microsoft Windows Desktop Runtime - 6.0.7 (x86) | 48.31.44003 |
| Microsoft Windows Desktop Targeting Pack - 6.0.7 (x86) | 48.31.44003 |
| MySQL Connector J | 8.0.28 |
| MySQL Connector Net 8.0.28 | 8.0.28 |
| MySQL Documents 8.0 | 8.0.28 |
| MySQL Examples and Samples 8.0 | 8.0.28 |
| MySQL Installer - Community | 1.6.1.0 |
| Navegador para SQL Server 2019 | 15.0.2000.5 |
| Pacote de Direcionamento do Microsoft .NET Framework 4.7.2 (Português (Brasil)) | 4.7.03062 |
| Pacote de Direcionamento do Microsoft .NET Framework 4.8 (Português (Brasil)) | 4.8.03761 |
+-----+-----+
Concluido Lin 87 Col 19 100%
```

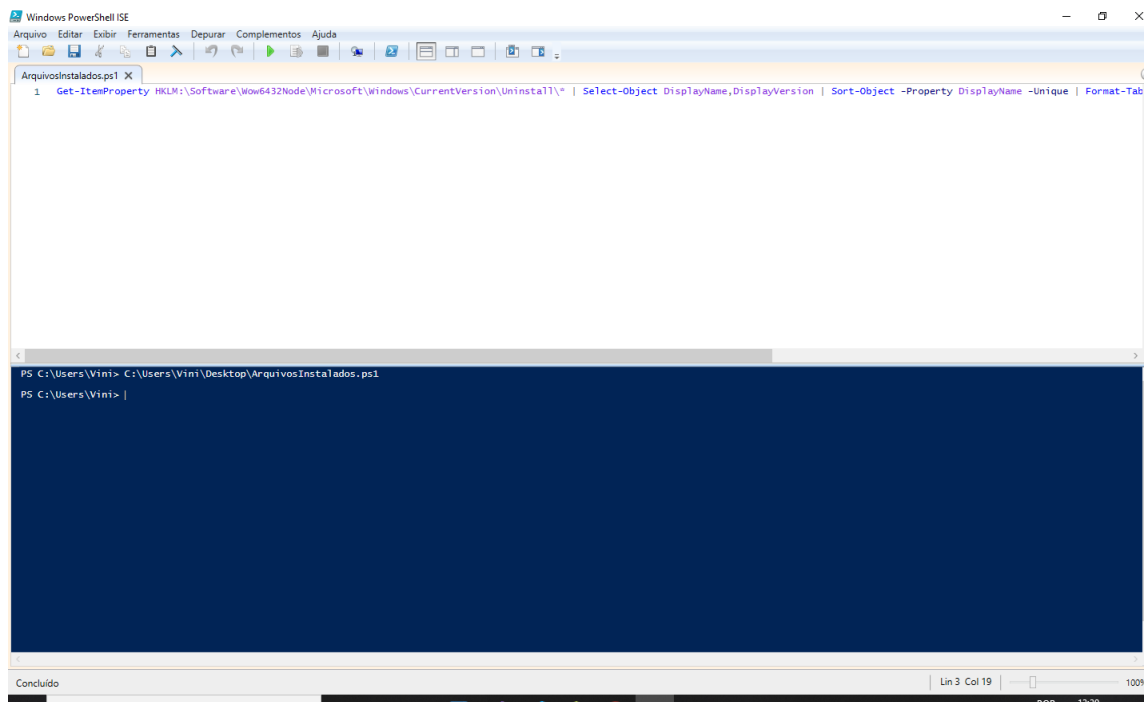
```
PS C:\Users\Vini\Desktop> dir
```

Diretório: C:\Users\Vini\Desktop

Mode	LastWriteTime	Length	Name
d-----	09/08/2022 08:35		atividade_02_S0
d-----	28/07/2022 14:35		Cursos
d-----	11/06/2022 09:59		penDrive
d-----	21/06/2022 18:34		petOasisPlus
d-----	26/07/2022 17:37		prjPoweBI
d-----	03/08/2022 08:06		Sp-Tech
-a-----	05/08/2022 16:04	112	atividade Pi.txt
-a-----	09/08/2022 08:35	16	nome.txt
-a-----	09/08/2022 08:35	8	ra.txt

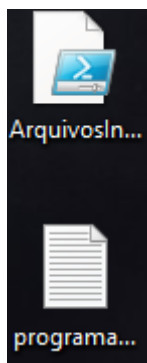
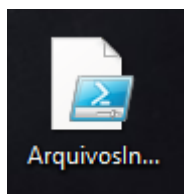
Script para saber os programas instalados no Pc:

1-Script:



The screenshot shows the Windows PowerShell ISE interface. The menu bar includes Arquivo, Editar, Exibir, Ferramentas, Depurar, Complementos, and Ajuda. The toolbar contains icons for file operations and execution. The script editor shows a single line of PowerShell code: `1 Get-ItemProperty HKLM:\Software\Wow6432Node\Microsoft\Windows\CurrentVersion\Uninstall* | Select-Object DisplayName, DisplayVersion | Sort-Object -Property DisplayName -Unique | Format-Table`. The console window at the bottom shows the command prompt path `PS C:\Users\Vini> C:\Users\Vini\Desktop\ArquivosInstalados.ps1` and the prompt `PS C:\Users\Vini> |`. The status bar at the bottom indicates 'Concluido', 'Lin 3 Col 19', and '100%'. The taskbar at the very bottom shows the Start button and several open application icons.

2-Executável, e após executar este arquivo gera o txt.



Nome e Ra, utilizando a concatenação de 2 arquivos de texto:

1- Criei os dois primeiros arquivos, abri o editor e os alterei:

```
PS C:\Users\Vini\Desktop> New-Item nome.txt

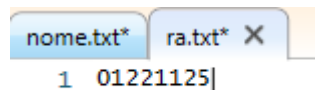
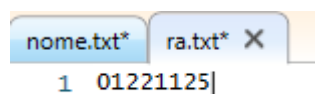
Diretório: C:\Users\Vini\Desktop

Mode                LastWriteTime         Length Name
----                -
-a-----         09/08/2022         08:30             0 nome.txt

PS C:\Users\Vini\Desktop> New-Item ra.txt

Diretório: C:\Users\Vini\Desktop

Mode                LastWriteTime         Length Name
----                -
-a-----         09/08/2022         08:30             0 ra.txt
```



2-Comando para concatenar.

```
PS C:\Users\Vini\Desktop> cd .\atividade_02_50
PS C:\Users\Vini\Desktop\atividade_02_50> cat >nome_e_ra_concatenados *.txt
PS C:\Users\Vini\Desktop\atividade_02_50> dir
```

Diretório: C:\Users\Vini\Desktop\atividade_02_50

Mode	LastWriteTime	Length	Name
-a----	09/08/2022 07:47	2497	01.PNG
-a----	09/08/2022 07:51	3003	02.PNG
-a----	09/08/2022 07:59	14884	03.PNG
-a----	09/08/2022 08:03	14428	04.PNG
-a----	09/08/2022 08:04	3176	05.PNG
-a----	09/08/2022 08:06	5768	06.PNG
-a----	09/08/2022 08:08	3186	07.PNG
-a----	09/08/2022 08:10	20970	08.PNG
-a----	09/08/2022 08:12	23385	09.PNG
-a----	09/08/2022 08:13	27532	10.PNG
-a----	09/08/2022 08:14	15516	11.PNG
-a----	09/08/2022 08:15	23634	12.PNG
-a----	09/08/2022 08:17	23542	13.PNG
-a----	09/08/2022 08:17	8228	14.PNG
-a----	09/08/2022 08:23	30811	15.PNG
-a----	09/08/2022 08:24	15887	16.PNG
-a----	09/08/2022 08:26	13835	17.PNG
-a----	09/08/2022 08:27	14842	18.PNG
-a----	09/08/2022 08:36	12177	alterados.PNG
-a----	09/08/2022 08:40	38	nome.txt
-a----	09/08/2022 08:35	2717	nomeWrite.PNG
-a----	09/08/2022 09:14	58	nome_e_ra_concatenados
-a----	09/08/2022 08:31	11115	nome_ra.PNG
-a----	09/08/2022 08:49	22	ra.txt
-a----	09/08/2022 08:34	3425	raWrite.PNG

3-Arquivo criado e concatenado:

