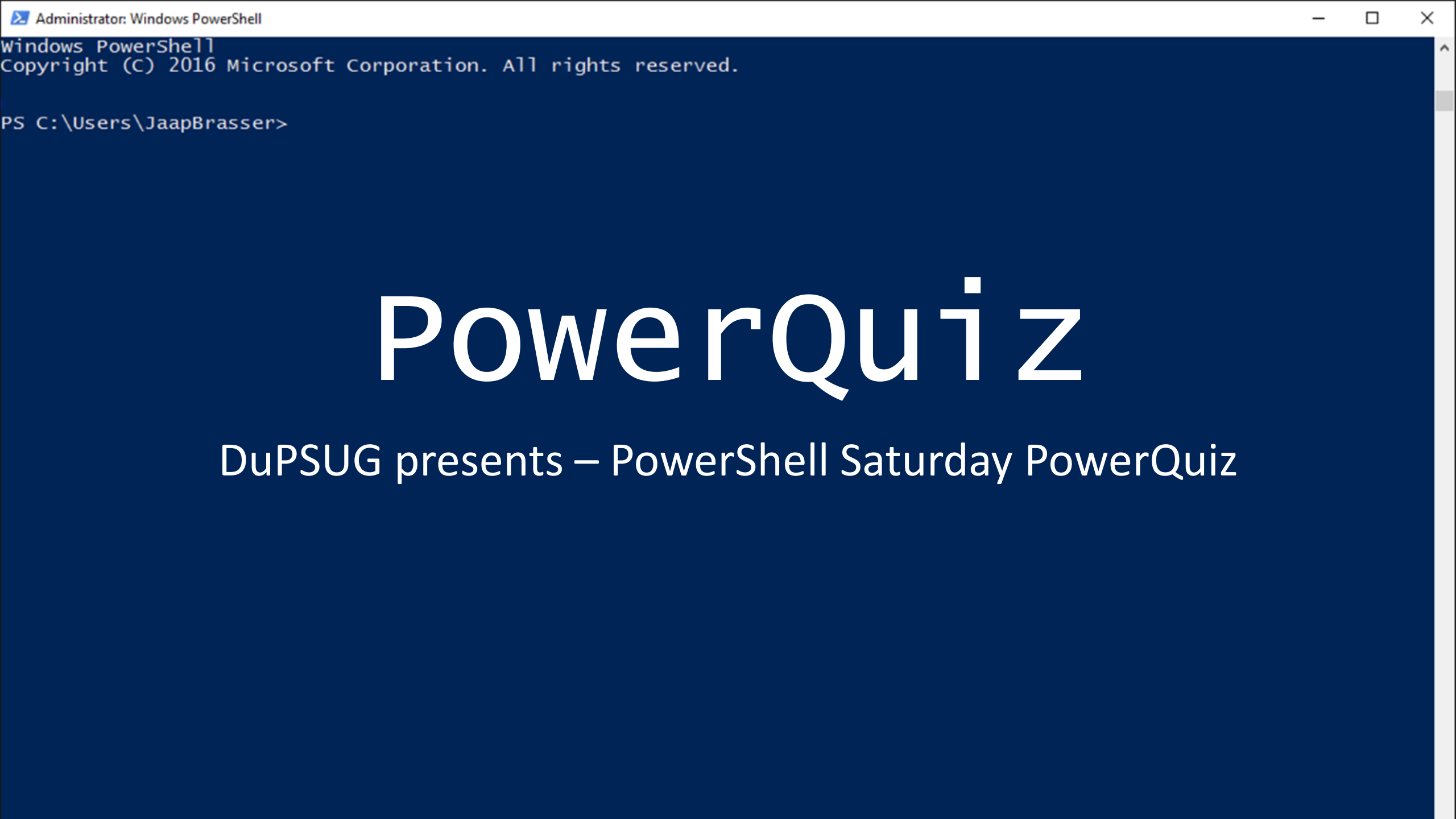

Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\Users\JaapBrasser>
PowerQuiz
DuPSUG presents – PowerShell Saturday PowerQuiz

Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

why?

- Test your knowledge
- Team up with others
- Win Prizes!

Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

Rules

- No cheating

Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

Format

- Teamwork - Form teams of 3
- Organize - Have one person record the answers
- Automate - Submit answers on #PowerQuiz

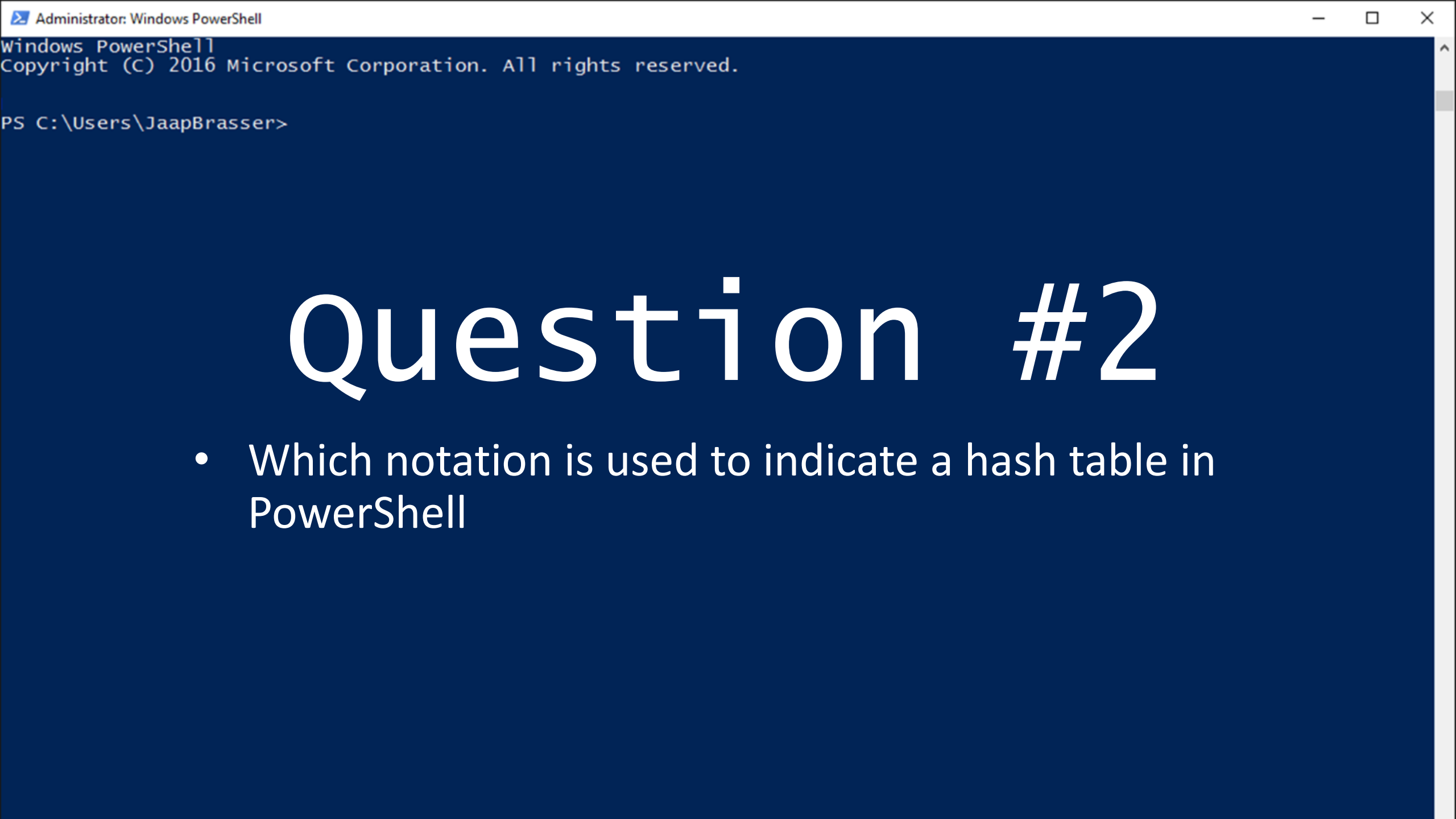
Administrator: Windows PowerShell

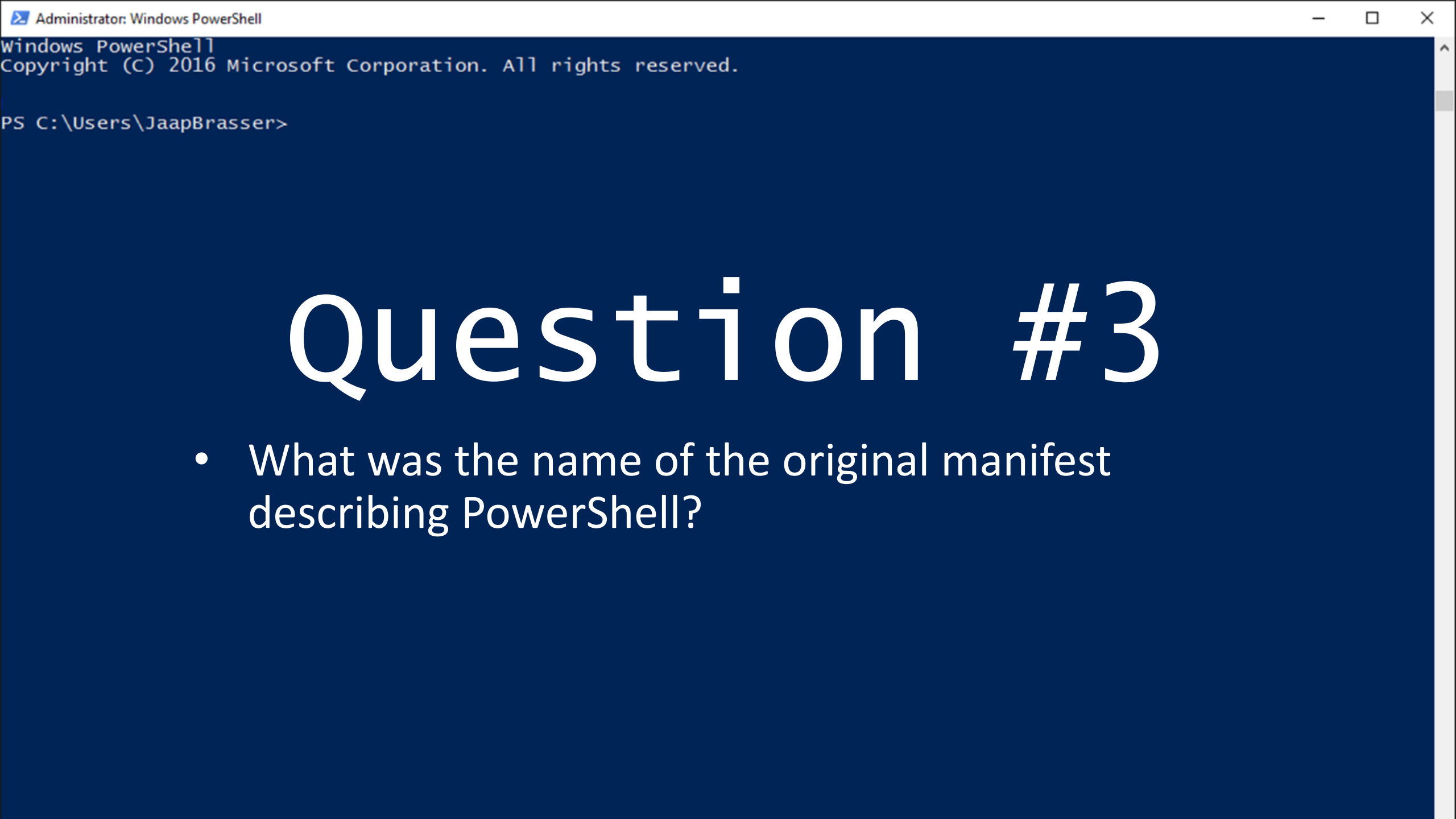
```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

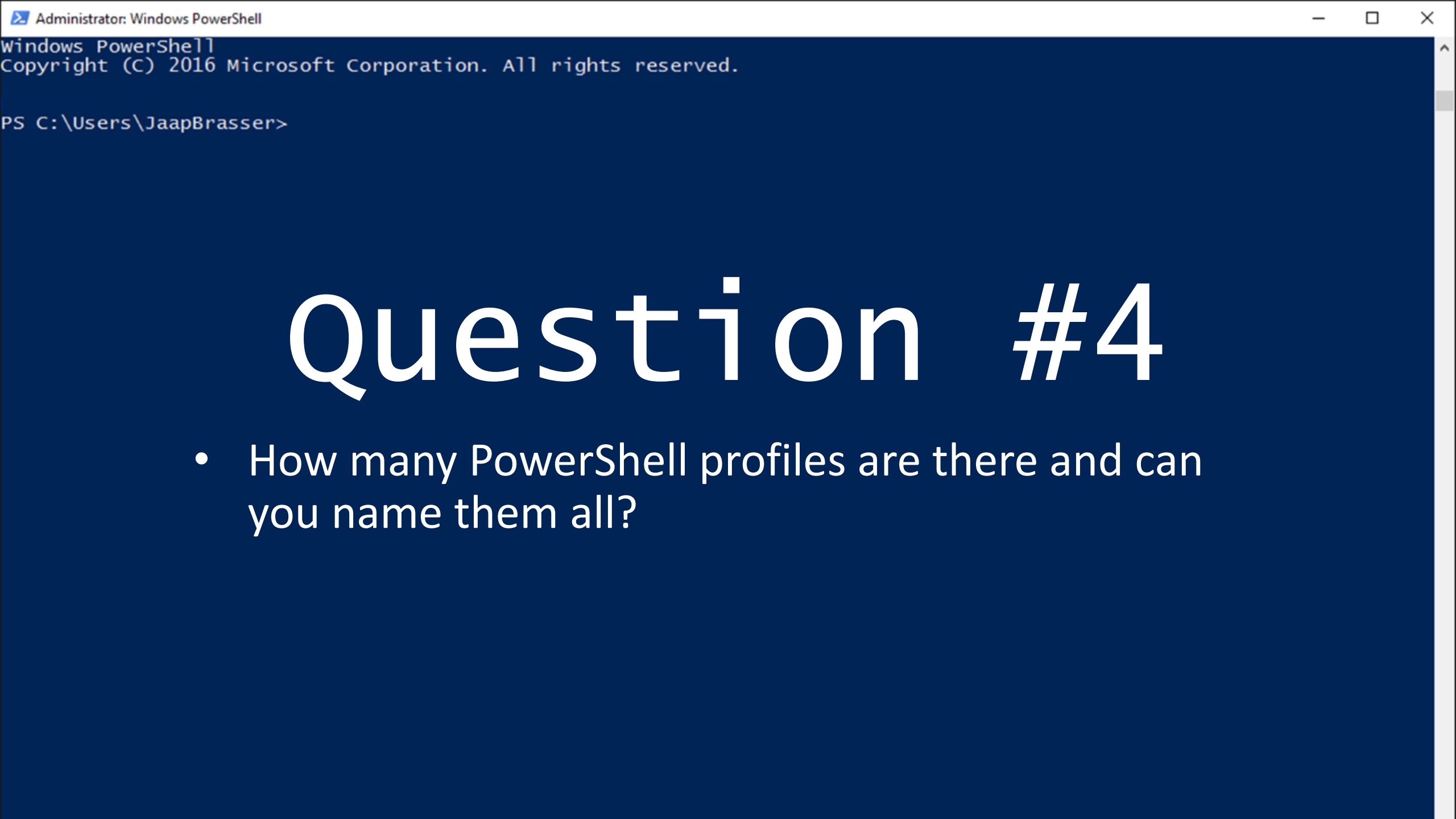
Warm up

- What is the name of the (now) Technical Fellow who is responsible for creating PowerShell?

Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\Users\JaapBrasser>
Question #1
• Which command is used to group objects together


Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\Users\JaapBrasser>
Question #2
• Which notation is used to indicate a hash table in PowerShell


Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\Users\JaapBrasser>
Question #3
• What was the name of the original manifest describing PowerShell?

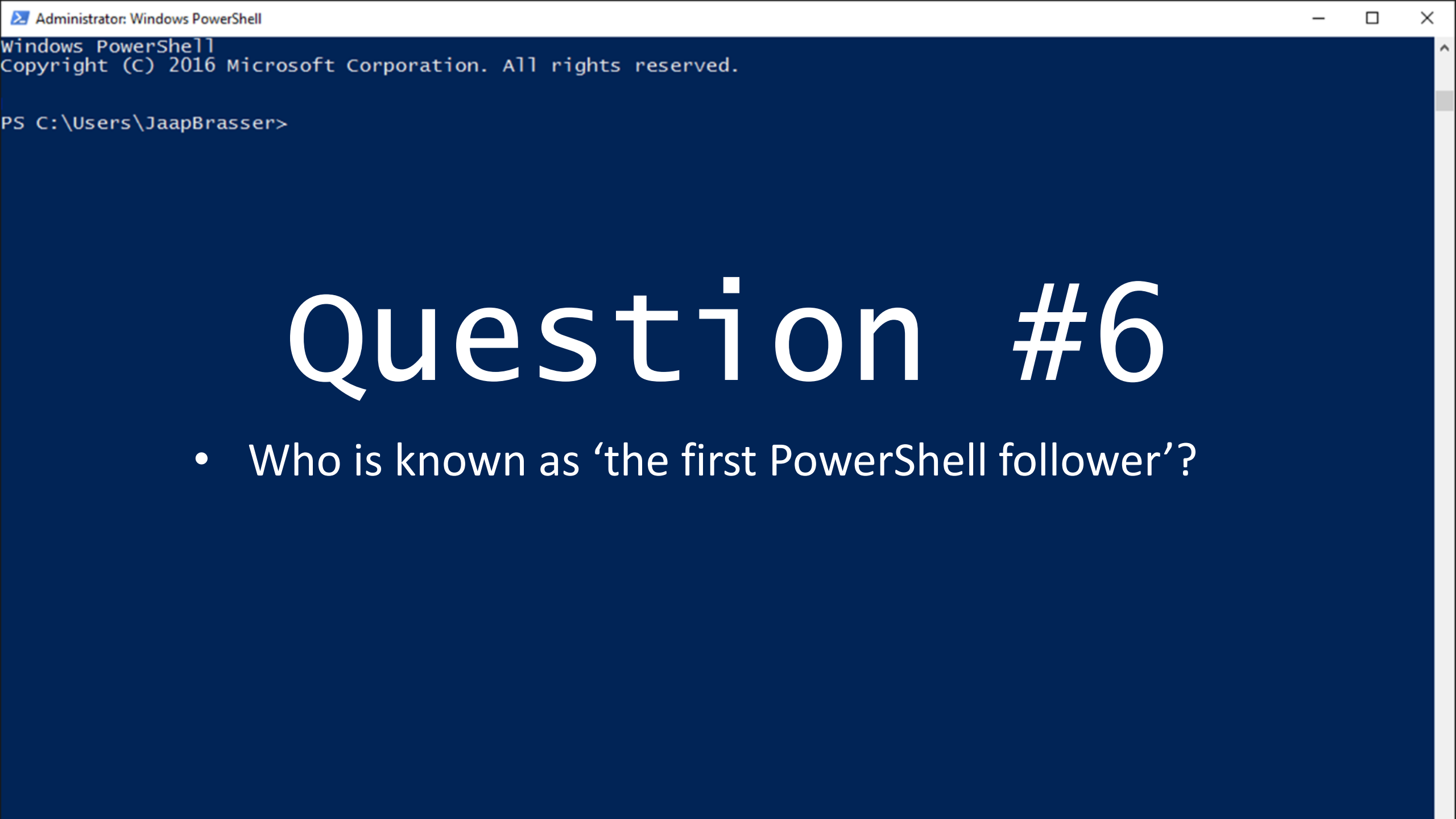

Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\Users\JaapBrasser>
Question #4
• How many PowerShell profiles are there and can you name them all?

Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

Question #5

- What does [cmdletbinding()] indicate for a parameter block?


Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\Users\JaapBrasser>
Question #6
• Who is known as ‘the first PowerShell follower’?

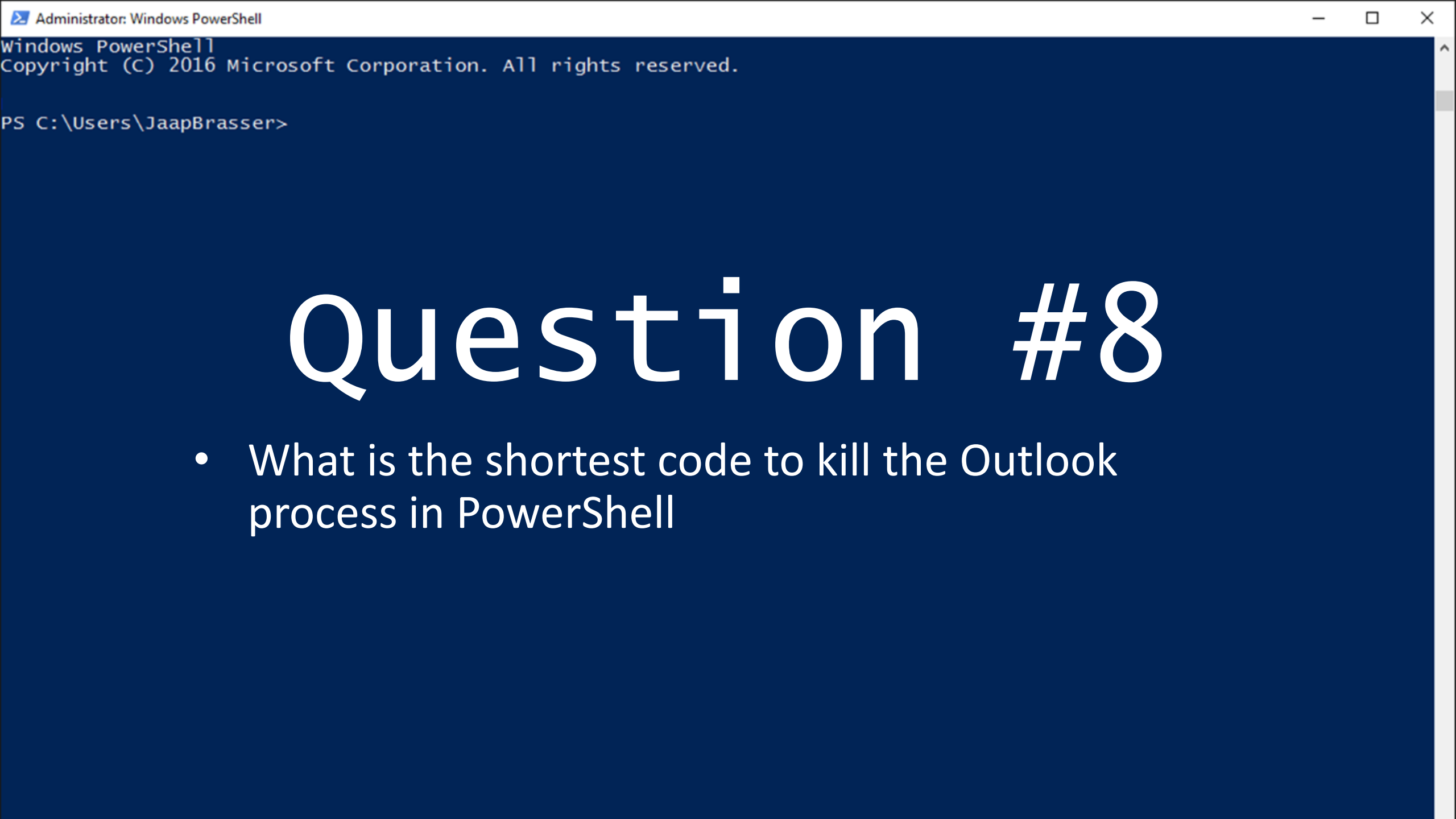
Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

Question #7

- Can you write this more efficiently? Create a code sample that gives the same output without the pipeline

```
Get-ChildItem -Path C:\Windows\System32 |
Where-Object Extension -eq '.dll'
```


Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\Users\JaapBrasser>
Question #8
• What is the shortest code to kill the Outlook process in PowerShell

Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

Question #9

Which of the following is NOT a ‘Snoverism’:

- Did you just lick my cookie?
- When in trouble, fear, or doubt - run in circles, scream, and shout.
- PowerShell: like programming with hand grenades
- Not upgrading is like the guy who jumps off a building, and on the way down says, so far so good.

Administrator: Windows PowerShell

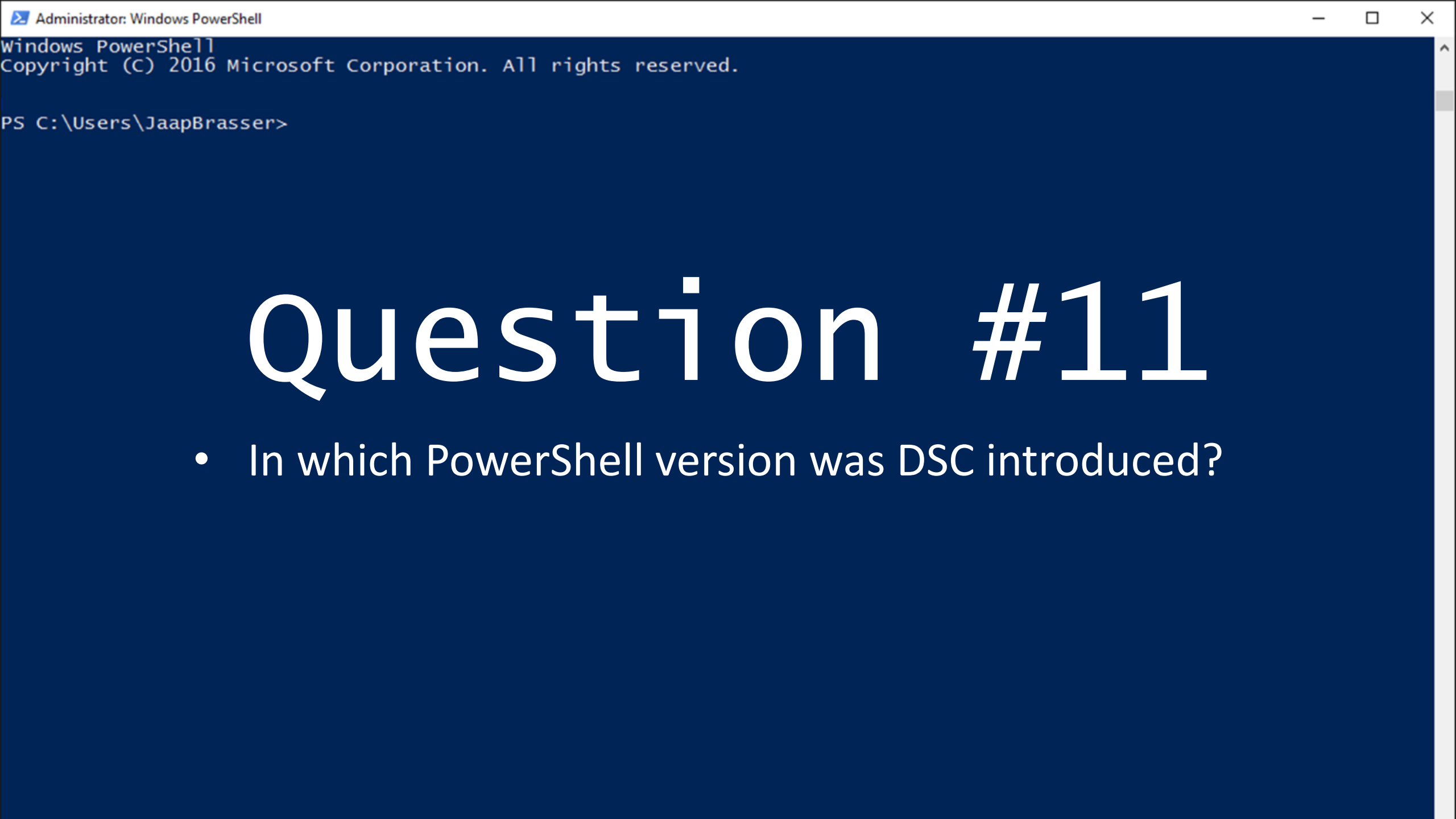
```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

Question #10

- How can you resolve the following error:

Windows PowerShell

```
PS C:\Users\Jaap Brasser> .\Question.ps1
.\Question.ps1 : File C:\Users\Jaap Brasser\Question.ps1 cannot be loaded because running scripts is disabled on this
system. For more information, see about_Execution_Policies at http://go.microsoft.com/fwlink/?LinkID=135170.
At line:1 char:1
+ .\Question.ps1
+ ~~~~~~~~~~~~~~
    + CategoryInfo          : SecurityError: (:) [], PSSecurityException
    + FullyQualifiedErrorId : UnauthorizedAccess
PS C:\Users\Jaap Brasser>
```


Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\Users\JaapBrasser>
Question #11
• In which PowerShell version was DSC introduced?

Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

Question #12

- Why is no output generated by this code:

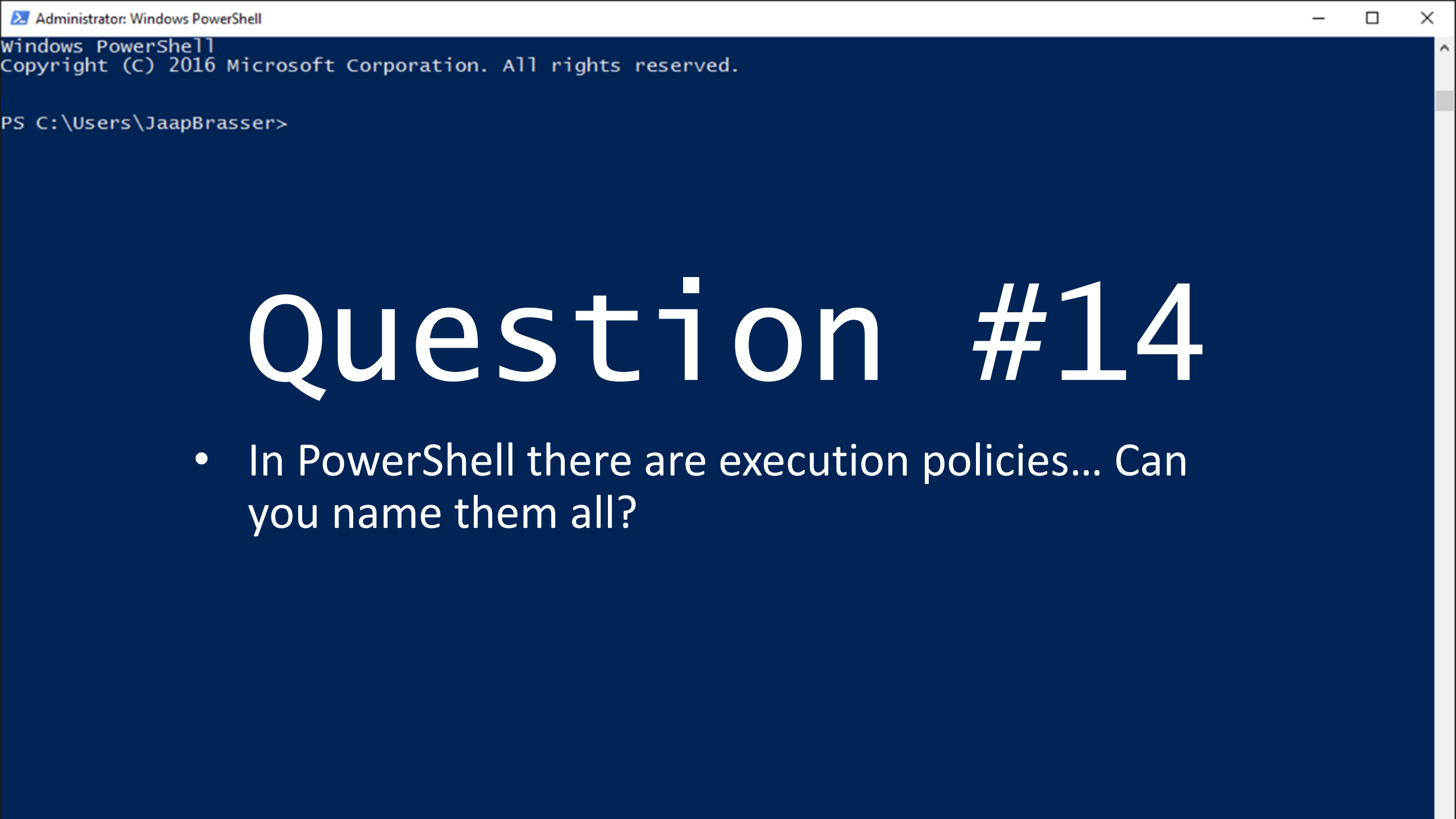
```powershell
Function Test-Output {
    $String = 'DuPSUG'
}
Test-Output
Write-Output $String
```

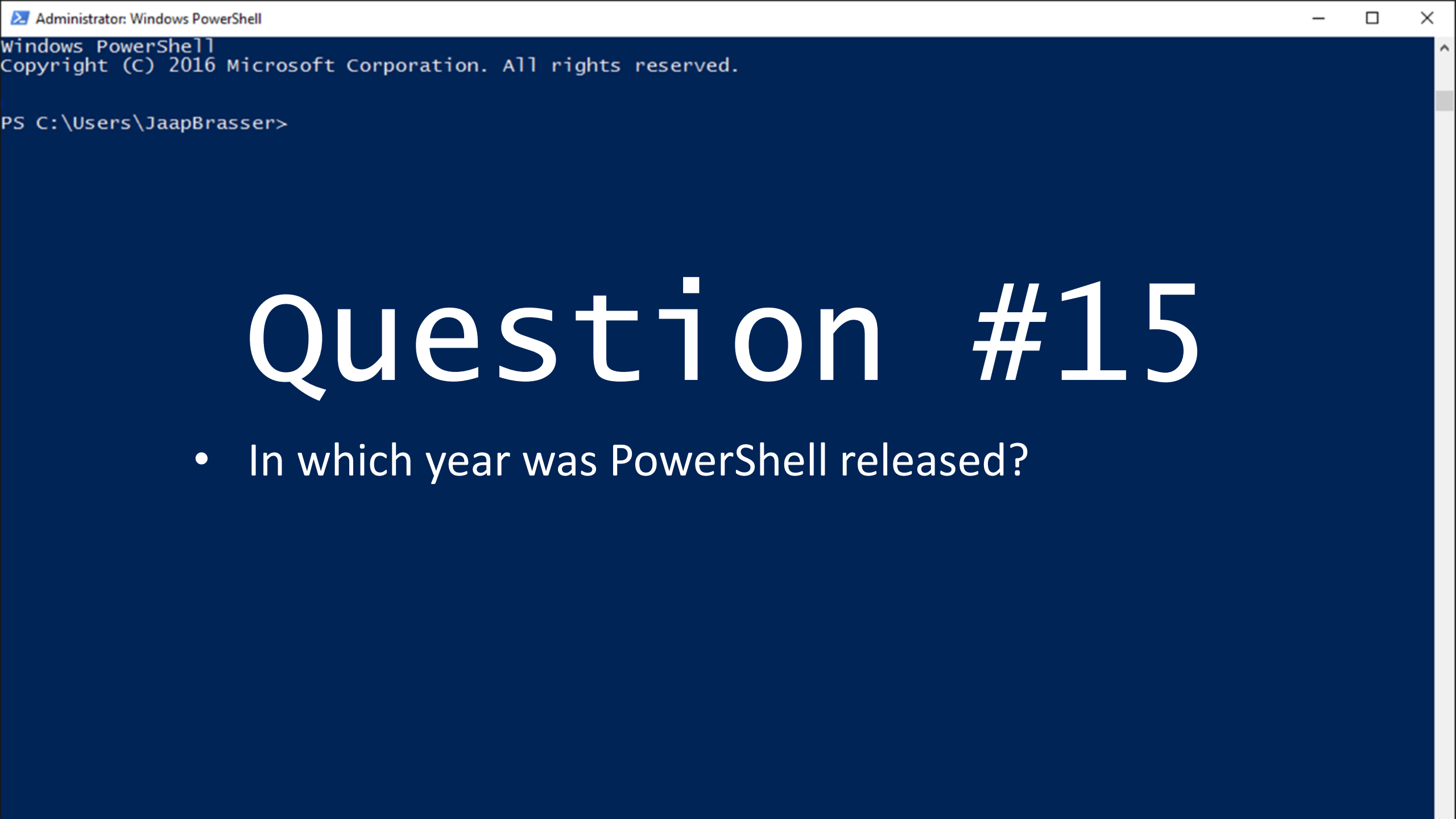
Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

Question #13

- When using array indexing in PowerShell, which notation can be used to select the last 10 objects of an array?


Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\Users\JaapBrasser>
Question #14
• In PowerShell there are execution policies… Can you name them all?


Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\Users\JaapBrasser>
Question #15
• In which year was PowerShell released?

Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

Question #16

- What is the result of the following PowerShell code:

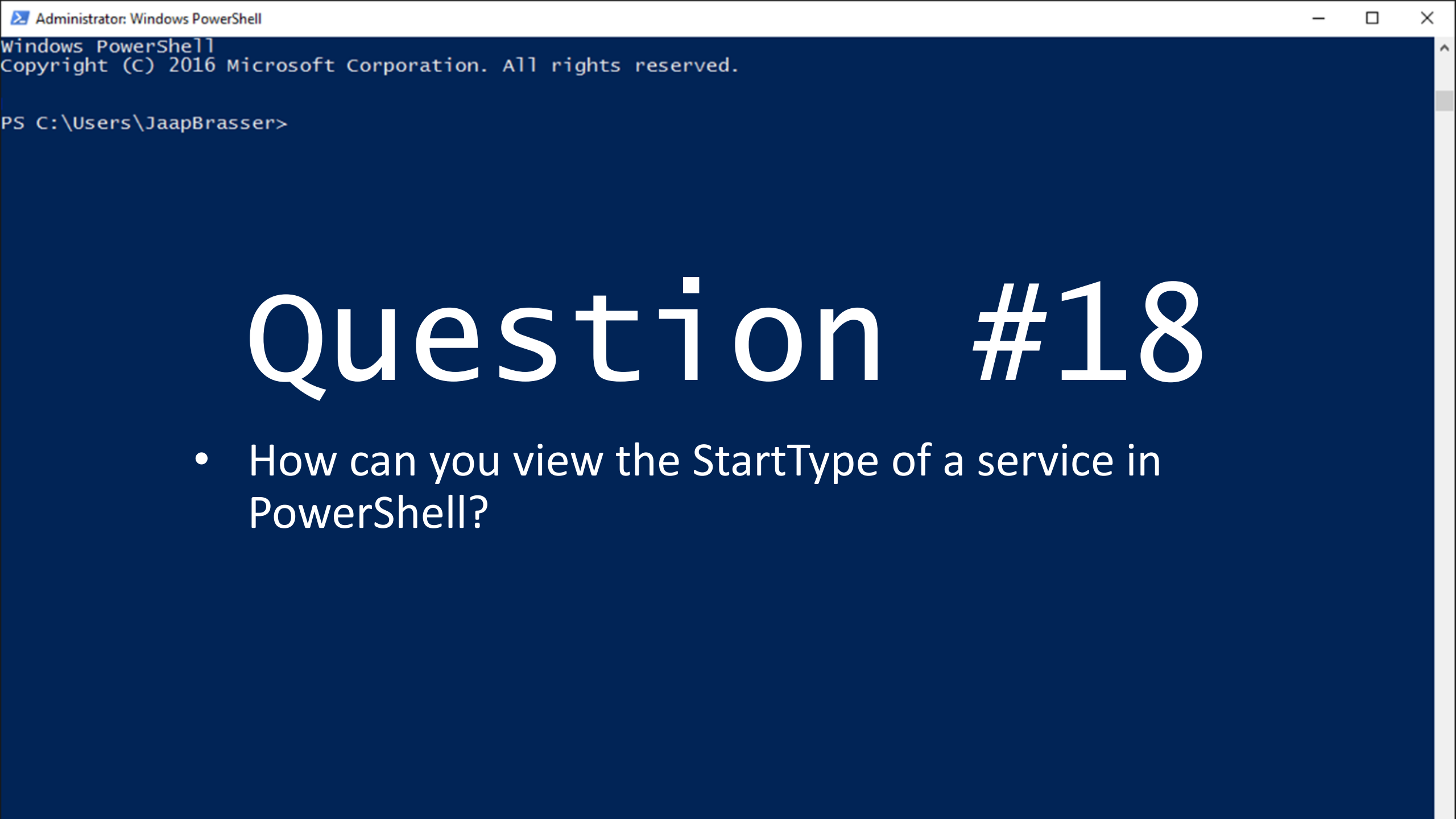
```
$true -eq 'false'
```

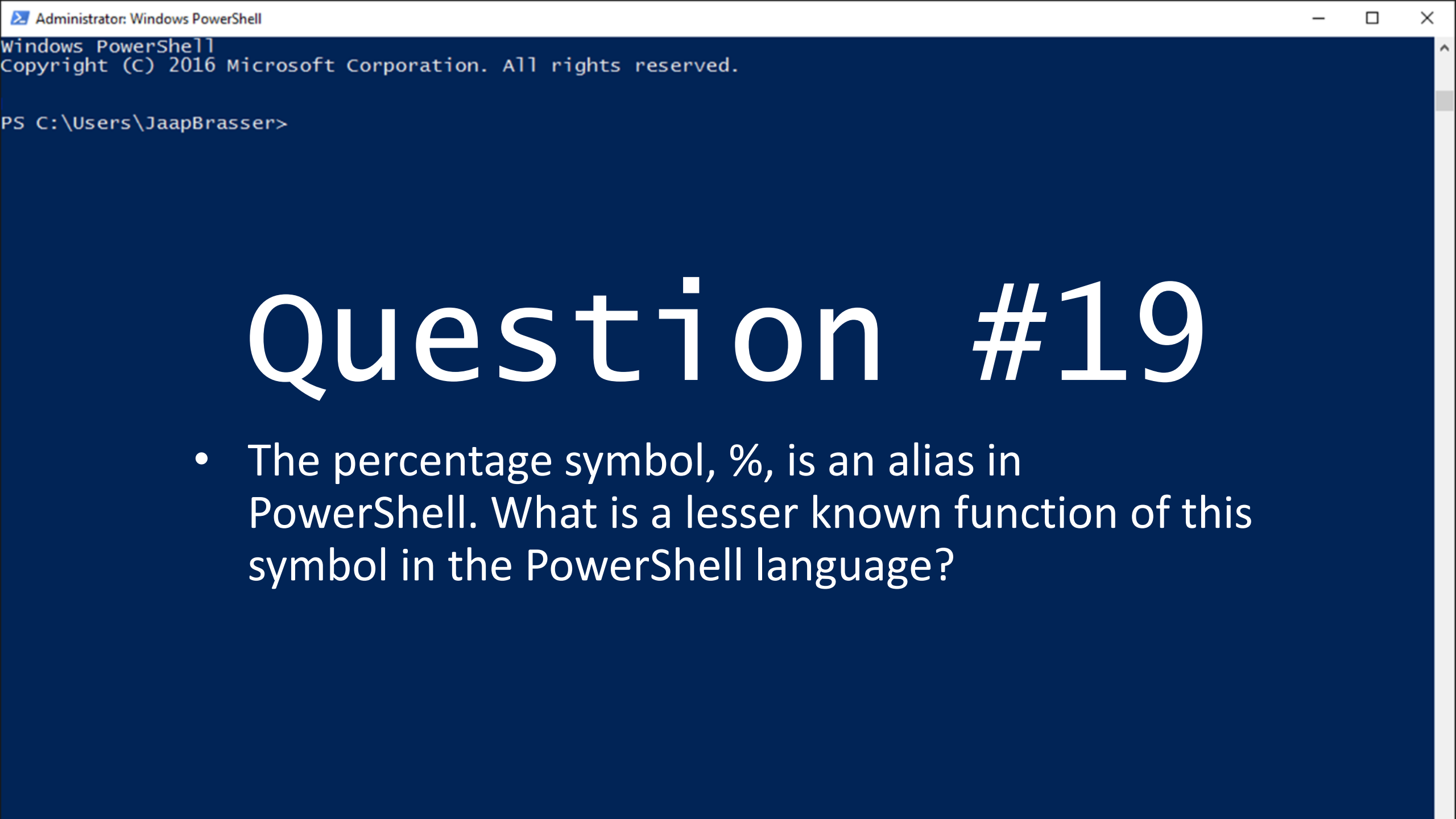
Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

Question #17

- Who wrote the PowerShell help documentation in the version 1.0/2.0/3.0?


Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\Users\JaapBrasser>
Question #18
How can you view the StartType of a service in PowerShell?


Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\Users\JaapBrasser>
Question #19
• The percentage symbol, %, is an alias in PowerShell. What is a lesser known function of this symbol in the PowerShell language?

Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

Question #20

- How can you fix the following code:

```
PS C:\Users\Jaap Brasser> 21.05-20.1
0.949999999999999
```

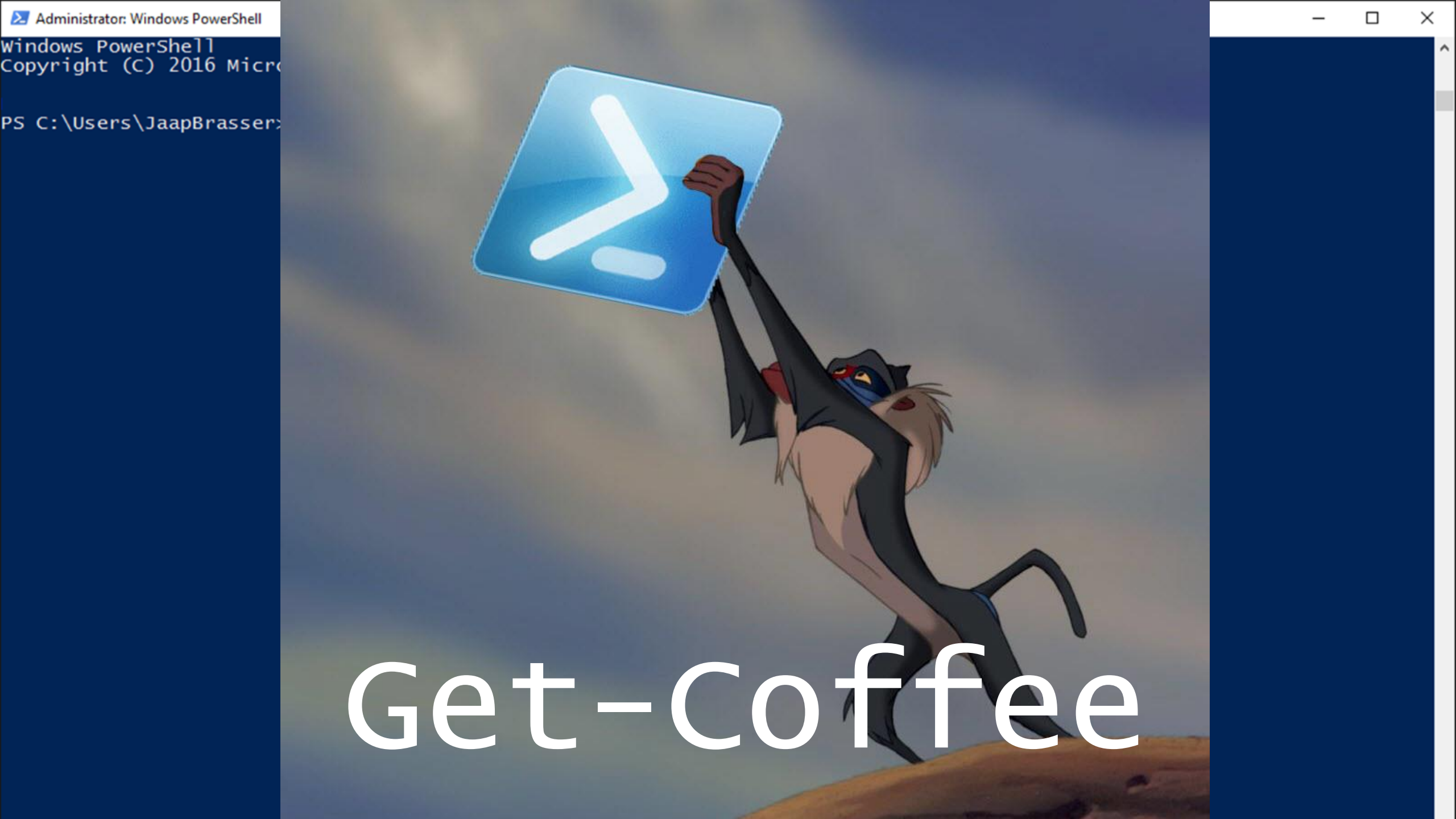
Administrator: Windows PowerShell

```
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\Users\JaapBrasser>
```

Question #21

- What does the following code do:

```
for($j=67;gdr($d=[char]++$j)2>0){}$d
```


Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Micr
PS C:\Users\JaapBrasser>
Get-Coffee