Christmas Cheer Laser, part 6

Answer to the Previous Question

7) What is the riddle at the end of this clue?

First, the search to the deepest of `/home/elf/depths`. Let's add `| select -first 10`
at the end so it doesn't blow up the screen.

```
dir /home/elf/depths -Recurse | select -first 10
```

```
PS /home/elf> dir /home/elf/depths -Recurse | select -first 10


    Directory: /home/elf/depths


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-r---        11/18/19   7:53 PM                  advice
d-r---        11/18/19   7:53 PM                  atmosphere
d-r---        11/18/19   7:53 PM                  bag
d-r---        11/18/19   7:53 PM                  brick
```

That works. Now, sort by `FullName`

```
PS /home/elf> dir /home/elf/depths -Recurse | Sort-Object ($_.Fullname.Length)
Sort-Object : Cannot convert System.Int32 to one of the following types {System.String, Sy
stem.Management.Automation.ScriptBlock}.
At line:1 char:33
+ dir /home/elf/depths -Recurse | Sort-Object ($_.Fullname.Length)
+                                 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
+ CategoryInfo          : InvalidArgument: (:) [Sort-Object], NotSupportedException
+ FullyQualifiedErrorId : DictionaryKeyUnknownType,Microsoft.PowerShell.Commands.SortObjec
tCommand
PS /home/elf>
```

Oops, trouble. It turns out that when you do a computation (`$_.FullName.Length`),
`Sort-Object` wants it to be in a script block (curly braces), not parenthesis.

```
PS /home/elf> dir /home/elf/depths -Recurse | Sort-Object {$_.Fullname.Length} | select -f
irst 10


    Directory: /home/elf/depths


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-r---        11/18/19   7:53 PM                  bag
d-r---        11/18/19   7:53 PM                  cow
d-r---        11/18/19   7:53 PM                  vast
d-r---        11/18/19   7:53 PM                  thee
d-r---        11/18/19   7:53 PM                  noun
d-r---        11/18/19   7:53 PM                  brick
d-r---        11/18/19   7:53 PM                  swing
d-r---        11/18/19   7:53 PM                  extra
d-r---        11/18/19   7:53 PM                  shore
d-r---        11/18/19   7:53 PM                  fight

PS /home/elf>
```

Good, except the short pathnames are at the top. Switch to -Descending.

```
dir /home/elf/depths -Recurse | Sort-Object {$_.Fullname.Length}
-Descending | Select-Object -First 1
```

```
PS /home/elf> dir /home/elf/depths -Recurse | Sort-Object {$_.Fullname.Length} -Descending |
>> Select-Object -first 1


    Directory: /home/elf/depths/larger/cloud/behavior/beauty/enemy/produce/age/chair/unknown/escape
    /vote/long/writer/behind/ahead/thin/occasionally/explore/tape/wherever/practical/therefore/cool
    /plate/ice/play/truth/potatoes/beauty/fourth/careful/dawn/adult/either/burn/end/accurate/rubbed
    /cake/main/she/threw/eager/trip/to/soon/think/fall/is/greatest/become/accident/labor/sail/dropp
    ed/fox

Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
--r---          11/18/19  7:53 PM             209 0jhj5xz6.txt

PS /home/elf>
```

That's a long path! Rather than copy the whole mess and paste it into a `Get-Content` cmdlet, we can pipe it.

```
dir /home/elf/depths -Recurse | Sort-Object {$_.Fullname.Length}
-Descending | Select-Object -First 1 | Get-Content
```

```
PS /home/elf> dir /home/elf/depths -Recurse | Sort-Object {$_.Fullname.Length} -Descending |
>> Select-Object -First 1 | Get-Content
Get process information to include Username identification. Stop Process to show me you're skilled a
nd in this order they must be killed:

bushy
alabaster
minty
holly

Do this for me and then you /shall/see .
PS /home/elf>
```

You'll be using `Get-Process` and `Stop-Process` for this one. They mention Username for a reason.

Question

8) What is the next riddle? Note the part of this riddle, "then you `/shall/see .`"