Chapter 4 Lab

Using just what you learned in this chapter, and in the previous chapter on using the help system, complete the following tasks in Windows PowerShell:

1. Display a list of running processes.  
     
   get-process
2. Display the 100 most recent entries from the Application event log (don’t use Get-WinEvent for this – We’ve shown you another command that will do this task).  
     
   get-eventlog –logname Application –newest 100
3. Display a list of all commands that are of the “cmdlet” type (this is tricky – we’ve shown you Get-Command, but you’re going to have to read the help to find out how to narrow down the list as we’ve asked).  
     
   Get-Command -CommandType cmdlet
4. Display a list of all aliases.  
     
   Get-Alias
5. Make a new alias, so that you can run d to get a directory listing.  
     
   New-Alias -Name list -Value Get-ChildItem
6. Display a list of services that begin with the letter “M.” Again, read the help for the necessary command – and don’t forget that “\*” is a near-universal wildcard in PowerShell.  
     
   Get-Service -Name m\*
7. Display a list of all Windows Firewall rules. You’ll need to use Help or Get-Command to discover the necessary cmdlet!  
     
   Get-NetFirewallRule
8. Display a list only of inbound Windows Firewall rules. Same cmdlet as above, but you’ll need to read its help to discover the necessary parameter and its allowable values  
     
   Get-NetFirewallRule -Direction Inbound