2.5 Managing Services

* List Services
  + Get-Service
  + Get-Service -Name browser
  + Get-Service -DisplayName Computer Browser
  + Filter by status running status
    - Get-Service | Sort-Object Status
    - get-service | where-object {$\_.Status -eq "Running"}
* Stop/Restart/Start Services
  + Start-Service Browser
  + Stop-Service Browser
  + Restart-Service Browser
* Change Startup Type
  + Set-Service Browser -StartupType <Manual/Automatic/Disabled>
* Change credentials for a service
  + No direct cmdlet
  + Can use WMI or CIM
  + Modify the logon account
    - Invoke-CimMethod -Name Change -Arguments @{StartName="SERVER01\Vikar";StartPassword="Passw0rd!"} -Query "Select \* from Win32\_Service where name='browser'"
  + Verify the Change
    - Get-WmiObject win32\_service | Format-Table name,startname
* Change recovery options
  + Restart on failure attempts
  + Unfortunately, there is no good way to do this with native PowerShell cmdlets
  + Must use "sc.exe"
  + Example:
    - sc.exe failure Browser reset= 86400 actions= restart/6000/reboot/30000
    - Failure counter resets every 24 hours (86,400 seconds)
    - Restart the service 1 minute after it fails (6,000 miliseconds)
    - Reboot the server 5 minutes after it fails (30,000 miliseconds)