

LAB 5

```
PS C:\WINDOWS\system32> get-cpuinfo
DeviceID Name Caption MaxClockSpeed SocketDesignation
-----
CPU0 Intel(R) Core(TM) i5-3210M CPU @ 2.50GHz Intel64 Family 6 Model 58 Stepping 9 2501 U3E1

PS C:\WINDOWS\system32> get-mydisks
Number FriendlyName SerialNumber MediaType CanPool OperationalStatus HealthStatus Usage Size
-----
0 ST9500325AS 5VESMPA7 HDD False OK Healthy Auto-Select 465.76 GB

PS C:\WINDOWS\system32> get-disk
Number Friendly Name Serial Number HealthStatus OperationalStatus Total Size Partition Style
-----
0 ST9500325AS 5VESMPA7 Healthy Online 465.76 GB MBR

PS C:\WINDOWS\system32> network
Description index ipaddress subnetmask DNSDomain DNSServ
erSearchOrder
-----
VMware Virtual Ethernet Adapter for VMnet8 1 {192.168.96.1, fe80::e8be:9bee:ec4e:4c7f}
VMware Virtual Ethernet Adapter for VMnet1 2 {192.168.68.1, fe80::208c:d12d:3d73:fcdd}
Dell Wireless 1704 802.11b/g/n (2.4GHz) 4 {192.168.1.14, fe80::135:b0b6:f8bc:9e2} {192...

PS C:\WINDOWS\system32> video
VideoMode Manufacturer processor
-----
1366 x 768 x 4294967296 colors Intel(R) HD Graphics 4000 Intel(R) HD Graphics Family
AMD Radeon HD 7600M Series AMD Radeon Graphics Processor (0x6840)

PS C:\WINDOWS\system32> systemdetails
System Hardware Description
Name PrimaryOwnerName Domain TotalPhysicalMemory Model Manufacturer
-----
DESKTOP-6252M1U Windows User WORKGROUP 4192559104 Inspiron 5520 Dell Inc.
Operating System Description
SystemDirectory : C:\WINDOWS\system32
Organization :
BuildNumber : 18363
RegisteredUser : Windows User
SerialNumber : 00330-80000-00000-AA528
Version : 10.0.18363
Processor Description
Caption : Intel64 Family 6 Model 58 Stepping 9
DeviceID : CPU0
Manufacturer : GenuineIntel
MaxClockSpeed : 2501
Name : Intel(R) Core(TM) i5-3210M CPU @ 2.50GHz
SocketDesignation : U3E1
Summary of RAM
Manufacturer : Nanya Technology
Description : Physical Memory
Capacity : 4294967296
BankLabel : BANK 2
DeviceLocator : DIMM1

PS C:\WINDOWS\system32>
```

```

PS C:\WINDOWS\system32> & 'F:\Github repository\Powershell\lab5.ps1'
Invalid input
PS C:\WINDOWS\system32> & 'F:\Github repository\Powershell\lab5.ps1' -System
Summary of System
System Hardware Description

Name                PrimaryOwnerName    Domain                TotalPhysicalMemory  Model                Manufacturer
-----                -
DESKTOP-62S2M1U     Windows User        WORKGROUP             4192575488           Inspiron 5520        Dell Inc.
Operating System Description

SystemDirectory : C:\WINDOWS\system32
Organization    :
BuildNumber     : 18363
RegisteredUser  : Windows User
SerialNumber    : 00330-80000-00000-AA528
Version         : 10.0.18363

Processor Description

Caption          : Intel64 Family 6 Model 58 Stepping 9
DeviceID        : CPU0
Manufacturer     : GenuineIntel
MaxClockSpeed   : 2501
Name            : Intel(R) Core(TM) i5-3210M CPU @ 2.50GHz
SocketDesignation : U3E1

Summary of RAM

Manufacturer : Nanya Technology
Description  : Physical Memory
Capacity     : 4294967296
BankLabel    : BANK 2
DeviceLocator : DIMM1

VideoMode      : 1366 x 768 x 4294967296 colors
Manufacturer   : Intel(R) HD Graphics 4000
processor      : Intel(R) HD Graphics Family

VideoMode      :
Manufacturer   : AMD Radeon HD 7600M Series
processor      : AMD Radeon Graphics Processor (0x6840)

PS C:\WINDOWS\system32> & 'F:\Github repository\Powershell\lab5.ps1' -Disks
Summary of physical drives

Drive Manufacturer      Location                Size(GB)
-----
E: (Standard disk drives) Disk #0, Partition #0      0
C: (Standard disk drives) Disk #0, Partition #1      75
F: (Standard disk drives) Disk #0, Partition #2     195
D: (Standard disk drives) Disk #0, Partition #3       0

PS C:\WINDOWS\system32> & 'F:\Github repository\Powershell\lab5.ps1' -Network
Summary of network

Description                index ipaddress                subnetmask DNSDomain DNSServ
erSearchOrder
-----
VMware Virtual Ethernet Adapter for VMnet8      1 {192.168.96.1, fe80::e8be:9bee:ec4e:4c7f}
VMware Virtual Ethernet Adapter for VMnet1      2 {192.168.68.1, fe80::208c:d12d:3d73:fcdd}
Dell Wireless 1704 802.11b/g/n (2.4GHz)         4 {192.168.1.14, fe80::135:b0b6:f8bc:9e2} {192...

PS C:\WINDOWS\system32>

```