

```
PS C:\Windows\system32> gc $profile
$env:path += ";$home\Documents\GitHub\COMP2101\PowerShell"
new-item -path alias:np -value notepad
```

```
# Lab 2 COMP2101 welcome script for profile
#
```

```
write-output "Welcome to planet $env:computername Overlord $env:username"
$now = get-date -format 'HH:MM tt on dddd'
write-output "It is $now."
```

```
PS C:\Windows\system32> Get-Module
```

ModuleType	Version	Name	ExportedCommands
Script	1.0.0.0	ISE	{Get-IseSnippet, Import-IseSnippet, New-IseSnippet}
Manifest	3.1.0.0	Microsoft.PowerShell.Management	{Add-Computer, Add-Content, Checkpoint-Computer, Clear-Content...}
Manifest	3.0.0.0	Microsoft.PowerShell.Security	{ConvertFrom-SecureString, ConvertTo-SecureString, Get-Acl, Get-AuthenticodeSignature...}
Manifest	3.1.0.0	Microsoft.PowerShell.Utility	{Add-Member, Add-Type, Clear-Variable, Compare-Object...}
Manifest	3.0.0.0	Microsoft.WSMan.Management	{Connect-WSMan, Disable-WSManCredSSP, Disconnect-WSMan, Enable-WSManCredSSP...}
Script	0.0	Module200494890	{CPUInfo, DiskInfo, Get-Systemreport, GPUInfo...}

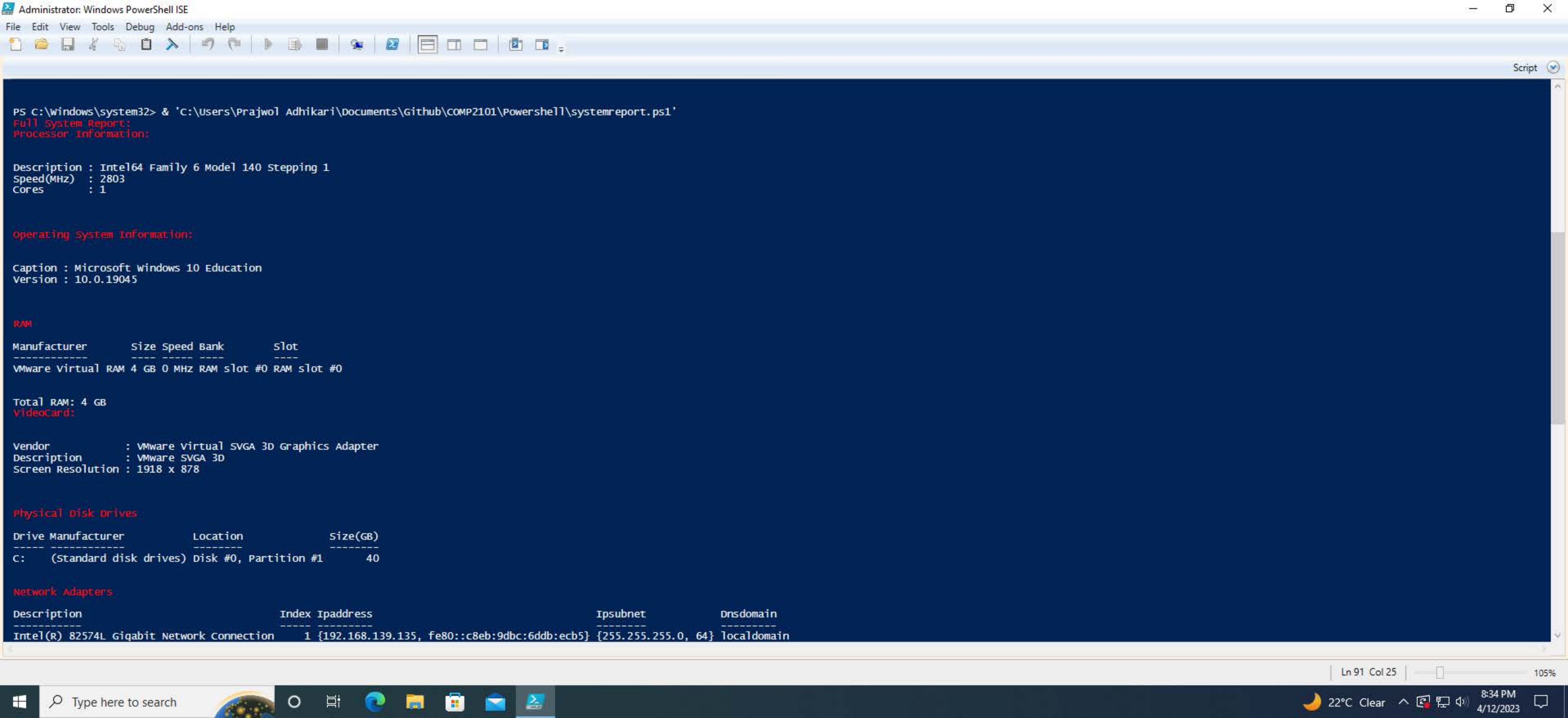
```
PS C:\Windows\system32>
```


Binary	1.0.0.0	CimCmdlets	{Export-BinaryMiLog, Get-CimAssociatedInstance, Get-CimClass, Get-CimInstance...}
Script	1.0.0.0	ISE	{Get-IseSnippet, Import-IseSnippet, New-IseSnippet}
Manifest	3.1.0.0	Microsoft.PowerShell.Management	{Add-Computer, Add-Content, Checkpoint-Computer, Clear-Content...}
Manifest	3.0.0.0	Microsoft.PowerShell.Security	{ConvertFrom-SecureString, ConvertTo-SecureString, Get-Acl, Get-AuthenticodeSignature...}
Manifest	3.1.0.0	Microsoft.PowerShell.Utility	{Add-Member, Add-Type, Clear-Variable, Compare-Object...}
Manifest	3.0.0.0	Microsoft.WSMan.Management	{Connect-WSMan, Disable-WSManCredSSP, Disconnect-WSMan, Enable-WSManCredSSP...}
Script	0.0	Module200494890	{CPUInfo, DiskInfo, Get-Systemreport, GPUInfo...}

```
PS C:\windows\system32> Get-Command -Module Module200494890
```

CommandType	Name	Version	Source
Function	CPUInfo	0.0	Module200494890
Function	DiskInfo	0.0	Module200494890
Function	Get-Systemreport	0.0	Module200494890
Function	GPUInfo	0.0	Module200494890
Function	IPReport	0.0	Module200494890
Function	OSInfo	0.0	Module200494890
Function	RAMInfo	0.0	Module200494890

```
PS C:\Windows\system32>
```

```
PS C:\Windows\system32> & 'C:\Users\Prajwo1 Adhikari\Documents\Github\COMP2101\PowerShell\systemreport.ps1'
```

Full System Report:
Processor Information:

Description : Intel64 Family 6 Model 140 Stepping 1
Speed(MHz) : 2803
Cores : 1

Operating System Information:

Caption : Microsoft windows 10 Education
Version : 10.0.19045

RAM

Manufacturer	Size	Speed	Bank	Slot
VMware Virtual RAM	4 GB	0 MHz	RAM slot #0	RAM slot #0

Total RAM: 4 GB

VideoCard:

Vendor : VMware Virtual SVGA 3D Graphics Adapter
Description : VMware SVGA 3D
Screen Resolution : 1918 x 878

Physical Disk Drives

Drive	Manufacturer	Location	Size(GB)
C:	(Standard disk drives)	Disk #0, Partition #1	40

Network Adapters

Description	Index	Ipaddress	Ipsubnet	Dnsdomain
Intel(R) 82574L Gigabit Network Connection	1	{192.168.139.135, fe80::c8eb:9dbc:6ddb:ecb5}	{255.255.255.0, 64}	localdomain


```

Network Adapters

Description                               Index Ipaddress                               Ipsubnet                               Dnsdomain
-----
Intel(R) 82574L Gigabit Network Connection 1 {192.168.139.135, fe80::c8eb:9dbc:6ddb:ecb5} {255.255.255.0, 64} localdomain

PS C:\windows\system32> & 'C:\Users\Prajwo1 Adhikari\Documents\Github\COMP2101\Powershell\systemreport.ps1' -System
System Information:
Processor Information:

Description : Intel64 Family 6 Model 140 Stepping 1
Speed(MHz)  : 2803
Cores       : 1

Operating System Information:

Caption : Microsoft windows 10 Education
Version : 10.0.19045

RAM

Manufacturer      Size Speed Bank      slot
-----
VMware Virtual RAM 4 GB 0 MHz RAM slot #0 RAM slot #0

Total RAM: 4 GB
VideoCard:

Vendor      : VMware virtual SVGA 3D Graphics Adapter
Description : VMware SVGA 3D
Screen Resolution : 1918 x 878

PS C:\windows\system32> |

```


operating system information:

RAM

Total RAM: 4 GB

videocard:

```
PS C:\windows\system32> & 'C:\Users\Prajwo1 Adhikari\Documents\Github\COMP2101\Powershell\systemreport.ps1' -Disks
```

Physical Disk Drives

```
PS C:\windows\system32>
```


operating system information:

```
Caption : Microsoft windows 10 Education
Version : 10.0.19045
```

RAM

Manufacturer	Size	Speed	Bank	slot
VMware virtual	RAM 4 GB	0 MHz	RAM slot #0	RAM slot #0

Total RAM: 4 GB

videoCard:

```
Vendor      : VMware Virtual SVGA 3D Graphics Adapter
Description : VMware SVGA 3D
Screen Resolution : 1918 x 878
```

```
PS C:\windows\system32> & 'C:\Users\Prajo\Adhikari\Documents\Github\COMP2101\Powershell\systemreport.ps1' -Disks
```

Disk Information:
physical disk drives

Drive	Manufacturer	Location	Size(GB)
C:	(Standard disk drives)	Disk #0, Partition #1	40

```
PS C:\windows\system32> & 'C:\Users\Prajwol Adhikari\Documents\Github\COMP2101\Powershell\systemreport.ps1' -Network
```

Network Information:
Network Adapters

Description	Index	Ipaddress	Ipsubnet	Dnsdomain
Intel(R) 82574L Gigabit Network Connection	1	{192.168.139.135, fe80::c8eb:9dbc:6ddb:ecb5}	{255.255.255.0, 64}	localdomain

```
PS C:\windows\system32>
```