

Windows PowerShell (x86)

PS C:\Users\Purnima> welcome

Welcome to planet LAPTOP-CN3TOSU2 Overlord Purnima

It's 15:08 PM on Wednesday.

PS C:\Users\Purnima> get-cpuinfo

Name : Intel(R) Core(TM) i5-10300H CPU @ 2.50GHz
MaxClockSpeed : 2496
CurrentClockSpeed : 2496
NumberOfCores : 4
Manufacturer : GenuineIntel

PS C:\Users\Purnima> get-mydisks

SerialNumber	Manufacturer	FirmwareVersion	Model	Size
0026_B768_4EB6_6CA5.				512110190592

PS C:\Users\Purnima> get-sysInfo

System Information

Domain : WORKGROUP
Manufacturer : Acer
Model : Aspire A715-75G
Name : LAPTOP-CN3TOSU2
PrimaryOwnerName : Purnima
TotalPhysicalMemory : 8412778496

PS C:\Users\Purnima> get-osInfo

OS Information

OSName	Version
Microsoft Windows 11 Home Single Language C:\WINDOWS \Device\Harddisk0\Partition3	10.0.22000

PS C:\Users\Purnima> get-proInfo

**Processor Information **

L2CacheSize : data unavailable
L1CacheSize : data unavailable
Speed : 2496
NumberOfCores : 4
L3CacheSize : 8192

PS C:\Users\Purnima> get-ramInfo

RAM information

Vendor	Model	Size(MB)	Bank	Slot
Kingston	data unavailable	8192	BANK 2	ChannelB-DIMM0

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```
PS C:\Users\Purnima> get-ramInfo
**RAM information**
```

Vendor	Model	Size(MB)	Bank	Slot
Kingston	data unavailable	8192	BANK 2	ChannelB-DIMM0

Total RAM: 8192MB

```
PS C:\Users\Purnima> get-diskInfo
**Disk Information**
```

SizeFree(GB)	Vendor	Model	SpaceFree(%)	Size(GB)
4	(Standard disk drives)	KINGSTON OM8PCP3512F-AA	2	182

SizeFree(GB)	Vendor	Model	SpaceFree(%)	Size(GB)
49	(Standard disk drives)	KINGSTON OM8PCP3512F-AA	17	294

```
PS C:\Users\Purnima> get-adaptInfo
**Network Adapters**
```

Discription :
index : 1
IPAddress : {192.168.29.219, fe80::1f5:fb5f:2f84:472c, 2405:201:402f:a071:150a:115:ed2b:59de, 2405:201:402f:a071:1f5:fb5f:2f84:472c}
subnetmask :
dnsdomain :
dnsserver :

Discription :
index : 14
IPAddress : {192.168.56.1, fe80::389e:d280:85e6:31b}
subnetmask :
dnsdomain :
dnsserver :

```
PS C:\Users\Purnima> get-videoInfo
**Video Card Information**
```

CurrentScreenResolution	Description	Vendor
2073600	NVIDIA GeForce GTX 1650	NVIDIA GeForce GTX 1650
	Intel(R) UHD Graphics	Intel(R) UHD Graphics

```
PS C:\Users\Purnima>
```

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Windows PowerShell

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Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

PS C:\Users\Purnima> Import-Module C:\Users\Purnima\Desktop\Module200488907.psm1

PS C:\Users\Purnima> Get-Module

ModuleType	Version	Name	ExportedCommands
Manifest	3.1.0.0	Microsoft.PowerShell.Management	{Add-Computer, Add-Content, Checkpoint-Computer, Clear-Con...
Script	0.0	Module200488907	{get-adaptInfo, get-cpuinfo, get-diskInfo, get-mydisks...}
Script	2.0.0	PSReadline	{Get-PSReadLineKeyHandler, Get-PSReadLineOption, Remove-PS...

PS C:\Users\Purnima>

Windows PowerShell

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PS C:\Users\Purnima\Documents\GitHub\COMP2101\Powershell> .\lab5.2.ps1

What information do you require?: vdf

Graphics Card Description

Video Card Vendor : NVIDIA
Description : NVIDIA GeForce GTX 1650
Screen Resolution : 1920 x 1080

Video Card Vendor : Intel Corporation
Description : Intel(R) UHD Graphics
Screen Resolution : 1920 x 1080

PS C:\Users\Purnima\Documents\GitHub\COMP2101\Powershell> .\lab5.2.ps1

What information do you require?: adapterinfo

Network Adapter Description

Index IPAddress

Index	IPAddress
0	
1	{192.168.29.219, fe80::1f5:fb5f:2f84:472c, 2405:201:402f:a071:a87c:b488:eeed:62a5, 2405:201:402f:a071:1f5:fb5f...
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	{192.168.56.1, fe80::389e:d280:85e6:31b}
15	

PS C:\Users\Purnima\Documents\GitHub\COMP2101\Powershell> .\lab5.2.ps1

What information do you require?: diskinfo

Disk Drive Description

Drive	Vendor	Model	Size(GB)	freeSpace(GB)	freeSpace(%)
C:	(Standard disk drives)	KINGSTON OM8PCP3512F-AA	182	7	4%

Drive	Vendor	Model	Size(GB)	freeSpace(GB)	freeSpace(%)
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ENG
IN21:37
18-08-2022

```
PS C:\Users\Purnima\Documents\GitHub\COMP2101\Powershell> .\lab5.2.ps1
```

```
What information do you require?: diskinfo
```

```
Disk Drive Description
```

Drive	Vendor	Model	Size(GB)	freeSpace(GB)	freeSpace(%)
C:	(Standard disk drives)	KINGSTON OM8PCP3512F-AA	182	7	4%

Drive	Vendor	Model	Size(GB)	freeSpace(GB)	freeSpace(%)
D:	(Standard disk drives)	KINGSTON OM8PCP3512F-AA	294	49	17%

```
PS C:\Users\Purnima\Documents\GitHub\COMP2101\Powershell> .\lab5.2.ps1
```

```
What information do you require?: raminfo
```

```
RAM Description
```

Vendor	Description	Size(GB)	Speed(Mhz)	Bank	Slot
Kingston	Physical Memory	8	2933	BANK 2	ChannelB-DIMMO

```
Total RAM: 8GB
```

```
PS C:\Users\Purnima\Documents\GitHub\COMP2101\Powershell> .\lab5.2.ps1
```

```
What information do you require?: cpuinfo
```

```
System Processor Description
```

```
Description      : Intel64 Family 6 Model 165 Stepping 2
CurrentClockSpeed : 2496
NumberOfCores     : 4
L1CacheSize       : data unavailable
L2CacheSize       : 1024
L3CacheSize       : 8192
```

```
PS C:\Users\Purnima\Documents\GitHub\COMP2101\Powershell> .\lab5.2.ps1
```

```
What information do you require?: osinfo
```

```
Operating System Description
```

```
Name      : Microsoft Windows 11 Home Single Language|C:\WINDOWS|\Device\Harddisk0\Partition3
Version   : 10.0.22000
```

```
PS C:\Users\Purnima\Documents\GitHub\COMP2101\Powershell>
```



```
PS C:\Users\Purnima\Documents\GitHub\COMP2101\Powershell> .\lab5.2.ps1  
What information do you require ?:
```

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