

## 1.welcome message and cpuinfo

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

Welcome to planet DESKTOP-7ALB6EA Overlord Micha
It is 15:04 PM on Thursday.

Manufacturer       : GenuineIntel
name               : Intel(R) Core(TM) i7-8700 CPU @ 3.20GHz
CurrentClockSpeed  : 3192
MaxClockSpeed      : 3192
NumberOfCores      : 6

Loading personal and system profiles took 1169ms.
PS C:\Users\Micha>
```

## 2.

```
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Loading personal and system profiles took 1169ms.
PS C:\Users\Micha> ls alias:np

CommandType Name          Version Source
-----
Alias np -> notepad.exe

PS C:\Users\Micha>
```

3.

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PS C:\Users\Micha> ls alias:np

CommandType Name Version Source
-----
Alias np -> notepad.exe

PS C:\Users\Micha> cat function:welcome

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:\Users\Micha> welcome
Welcome to planet DESKTOP-7ALB6EA Overlord Micha
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PS C:\Users\Micha>
```

4.

```
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write-output "It is $now."

PS C:\Users\Micha> welcome
Welcome to planet DESKTOP-7ALB6EA Overlord Micha
It is 15:04 PM on Thursday.
PS C:\Users\Micha> cat function:get-cpuinfo

get-ciminstance cim_processor | format-list -property Manufacturer, name, CurrentClockSpeed, MaxClockSpeed, NumberOfCores

PS C:\Users\Micha> get-cpuinfo

Manufacturer       : GenuineIntel
name               : Intel(R) Core(TM) i7-8700 CPU @ 3.20GHz
CurrentClockSpeed  : 3192
MaxClockSpeed      : 3192
NumberOfCores      : 6

PS C:\Users\Micha>
```

5.

```
Windows PowerShell
NumberOfCores : 6

Loading personal and system profiles took 1169ms.
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Alias             np -> notepad.exe

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PS C:\Users\Micha> get-cpuinfo

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CurrentClockSpeed : 3192
MaxClockSpeed     : 3192
NumberOfCores     : 6

PS C:\Users\Micha> cat function:get-mydisks

get-disk | Format-Table -property Manufacturer, model, serialnumber, FirmwareVersion, size

PS C:\Users\Micha> get-mydisks

Manufacturer model                serialnumber          FirmwareVersion      size
-----
Samsung SSD 860 EVO 1TB S3Z8NB8KC1064BP RVT02B6Q          1000204886016
WDC WD10EZEX-00BN5A0 WD-WCC3F2331506 01.01A01            1000204886016
WDC WD5800G2B0A-00SM50 204028801728 4150006D             500107862016

PS C:\Users\Micha>
```