LAB 1 – Exploring help in PowerShell Commands

**Introduction**

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**Course Title** – SYST16023 MS PowerShell Scripting - 1249\_83041

**Assignment Title** – Exploring Help in Powershell (LAB 1)

**Submission Date** - 9/12/2024

Objective of Assignment –

* Understanding Syntax for the PowerShell Commands
* Get knowledge about Help Commands of PowerShell and their Uses.
* Document and Troubleshoot Issues faced while doing lab

**Let’s Start the Lab , I will be Performing some Basic Help Commands which are used in PowerShell , so that I can be Practical about using PowerShell and Writing Syntax correctly. In short , I can say this Lab will be giving me an idea that how the PowerShell runs the Command like what is the Syntax that it follows which will be little bit Familiar in Future learnings.**

**Command Executed**

**1.Display Basic Help Information**

1. Get-Help Format-Table

**Explanation** – This Command helps to identify the basic information of Format-Table cmdlet like what will be the format of table.

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1. Get-Help -Name Format-Table

**Explanation** – This Command helps to Display the Specified content of given name Parameter

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1. Format-Table -?

**Explanation: -** Gives short Summary of the Table

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**2. Display Help One Page at a Time**

a.) help Format-Table

**Explanation: -** Displaying One page at once for Convenience in Reading

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b. man Format-Table

Explanation: - Works almost Similar to Help Format-Table Command

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1. Get-Help Format-Table | Out-Host -Paging

Explanation: It Helps to View the Content Page Wise making it easier to navigate in lengthy content

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**3. Display Detailed Help Information**

1. Get-Help Format-Table -Detailed

Explanation – It will be giving Detailed Instructions for the Use of Help Command

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1. Get-Help Format-Table -Full

Explanation – Provides all the Details for Help Command including all the parameters

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4.) Display Selected Parts of CMDlet

1. Get-Help Format-Table -Examples

Explanation – Display Examples from format-table cmdlet

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1. Get-Help Format-Table -Online

Explanation – it Will take to online Documentation for exploring more about format-table cmdlet

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1. Get-Help Format-Table -Parameter \*

Explanation: - \* means all, so it’s going to display all the parameters for format-table cmdlet

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1. Get-Help Get-ChildItem -Parameter \*

Explanation – Display all the Parameters information for Get-Childitem cmdlet Table-format cmdlet

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1. Get-Help Format-Table -Parameter GroupBy

Explanation – gives detailed information about groupby parameter of table-format cmdlet

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**5.) Get-Help about\_\***

Explanation – Gives the Documentation of all help articles available for Get-help cmdlet

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**6.) Get-Help -Name remoting**

Explanation – It will look up and display the articles for specific keyword like in this it will look for “remoting” keyword

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Total Active Time Taken for Completion of Lab – 1 hour

Issues Encountered – Firstly It’s giving me an error after running get help commands, then I downloaded the latest version of PowerShell. And update the help modules by command “Update-Help”. Then it’s got updated and Commands results in successful execution without any error.

**References: -**

Sdwheeler. (n.d.). *Get-Help (Microsoft.PowerShell.Core) - PowerShell*. Microsoft Learn. https://learn.microsoft.com/en-gb/powershell/module/microsoft.powershell.core/get-help?view=powershell-7.4

**Thank You for taking time to Look on Assignment.**