OSM720 LAB6

LOHAN VADDEPALLY

lvaddepally@myseneca.ca

150115236

ZBB

S24

$Lab 6 – Variables

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Administrator: Windows PowerShell ISE

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lvaddepally_Lab6_variableTest.ps1 | lvaddepally_LAb6_BuildDirectoryStructure.ps1

```powershell
1    # Prompt user for directory path
2    $relativePath = Read-Host "Enter the directory path"
3
4    # Create directory structure from HOME directory
5    New-Item -Path "$HOME\$relativePath" -ItemType Directory -Force
6
7    # Display result
8    Write-Host "Directory structure created: $HOME\$relativePath"
9
```

```
PS C:\Users\Administrator.S1-LVADDEPALL.000> C:\Users\Administrator.S1-LVADDEPALL.000\Documents\lvaddepally_L
Enter the environment variable name: SystemRoot
Exists? True

PS C:\Users\Administrator.S1-LVADDEPALL.000> C:\Users\Administrator.S1-LVADDEPALL.000\Documents\lvaddepally_L
Enter the directory path: dir1\subdir1


    Directory: C:\Users\Administrator.S1-LVADDEPALL.000\dir1


Mode                LastWriteTime         Length Name
----                -------------         ------ ----
d-----        7/24/2024  12:00 AM                subdir1
Directory structure created: C:\Users\Administrator.S1-LVADDEPA

PS C:\Users\Administrator.S1-LVADDEPALL.000> |
```

Completed

File   Edit   View

Lohan Vaddepally
lvaddepally@myseneca.ca
150115236

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The Audio Service is not running.

To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

To direct input to this VM, move the mouse pointer inside or press Ctrl

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Server1 - VMware Workstation

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lvaddepally_Lab6_variableTest.ps1

```
1  # Prompt user for environment variable name
2  $environmentVariableName = Read-Host "Enter the environment variable name"
3
4  # Check if the environment variable exists
5  $exists = Test-Path "env:\$environmentVariableName"
6
7  # Display result
8  Write-Host "Exists? $exists"
9
```

```
Exists? False

PS C:\Users\Administrator.S1-LVADDEPALL.000> # Prompt user for environment variable name
$environmentVariableName = Read-Host "Enter the environment variable name"

# Check if the environment variable exists
$exists = Test-Path "env:\$environmentVariableName"

# Display result
Write-Host "Exists? $exists"

Enter the environment variable name: variableTest
Exists? False

PS C:\Users\Administrator.S1-LVADDEPALL.000> C:\Users\Administr
Enter the environment variable name: SystemRoot
Exists? True

PS C:\Users\Administrator.S1-LVADDEPALL.000> |
```

Completed

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Lohan Vaddepally
lvaddepally@myseneca.ca
150115236

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