**Create and save scripts in Azure PowerShell**

**Task:** Your company has paid for a booth at a large Linux trade show. You plan a demo area containing three terminals each connected to a separate Linux VM. At the end of each day, you want to delete the VMs and re-create them, so they start fresh every morning. Creating the VMs manually after work when you're tired would be error prone. You want to write a PowerShell script to automate the VM-creation process.

**Write a script to create virtual machines.**

Follow these steps to write the script:

1. Switch to your home folder in Cloud Shell.

* cd $HOME\clouddrive

1. Create a new text file, named **ConferenceDailyReset.ps1**.

* touch "./ConferenceDailyReset.ps1"

1. Open the integrated editor and select the **ConferenceDailyReset.ps1** file (the integrated Cloud Shell also supports vim, nano, and emacs).

* code "./ConferenceDailyReset.ps1"

A screen shot of a computer screen

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1. Start by capturing the input parameter in a variable. Added the following line to script:

* param([string]$resourceGroup)

1. Prompt for a username and password for the VM's admin account and capture the result in a variable:

* $adminCredential = Get-Credential -Message "Enter a username and password for the VM administrator."

1. Create a loop that executes three times:

* For ($i = 1; $i -le 3; $i++)

{

}

1. In the loop body, create a name for each VM and store it in a variable, and output it to the console:

* $vmName = "ConferenceDemo" + $i

Write-Host "Creating VM: " $vmName

1. Next, create a VM using the $vmName variable:

* New-AzVm -ResourceGroupName $resourceGroup -Name $vmName -Credential $adminCredential -Image Canonical:0001-com-ubuntu-server-focal:20\_04-lts:latest

1. Save the file.

The completed script should look like the following code:

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**Run the script**

1. Run the script: ./ConferenceDailyReset.ps1 learn-98ab67e1-0591-467c-9aa6-73e628fbfbd8

The script will take several minutes to complete. When it's finished, verify it ran successfully by looking at the resources you now have in your resource group:

* Get-AzResource -ResourceType Microsoft.Compute/virtualMachines
* You should have three VMs, each with a unique name.

A screenshot of a computer program

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