Assignment – 1

Muskan Malhotra

1) Create & remove environment variable:
Variable Name - TEST
Variable Value - C:\Program Files (x86)\Test

[Environment]::SetEnvironmentVariable("TEST"," C:\Program Files (x86)\Test\","User")
if want to create a user environment variable
[Environment]::SetEnvironmentVariable("TEST","C:\Program Files (x86)\Test\","Machine")
if want to create a system environment variable

#for removal
[Environment]::SetEnvironmentVariable("TEST", $null ,"User")

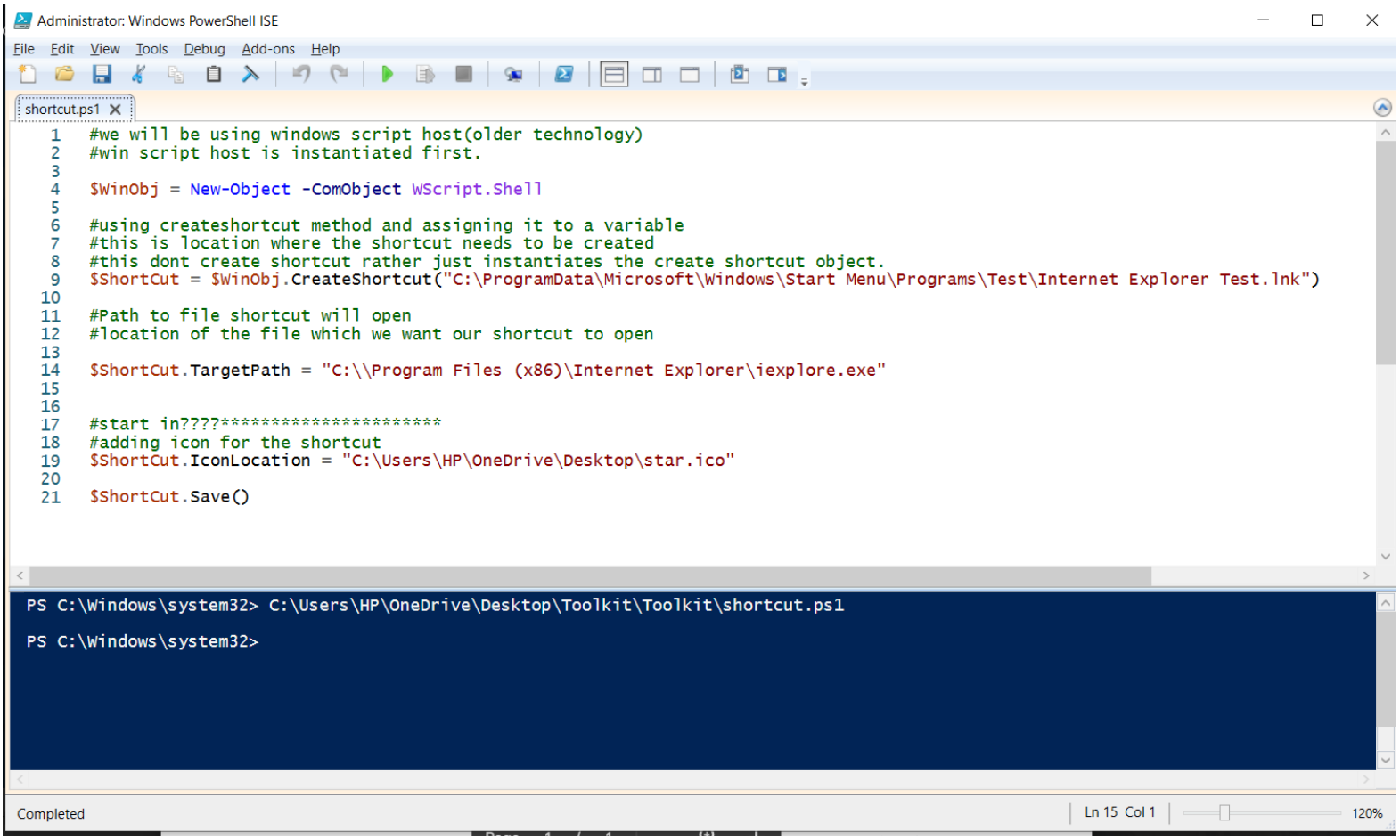
2) Create a shortcut with below parameters and set icon for that shortcut.
Location - C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Test
Shortcut Name – Internet Explorer Test.lnk
Target EXE - "C:\Program Files (x86)\Internet Explorer\iexplore.exe"
Start in - "C:\Program Files\Internet Explorer"
Icon – Yes

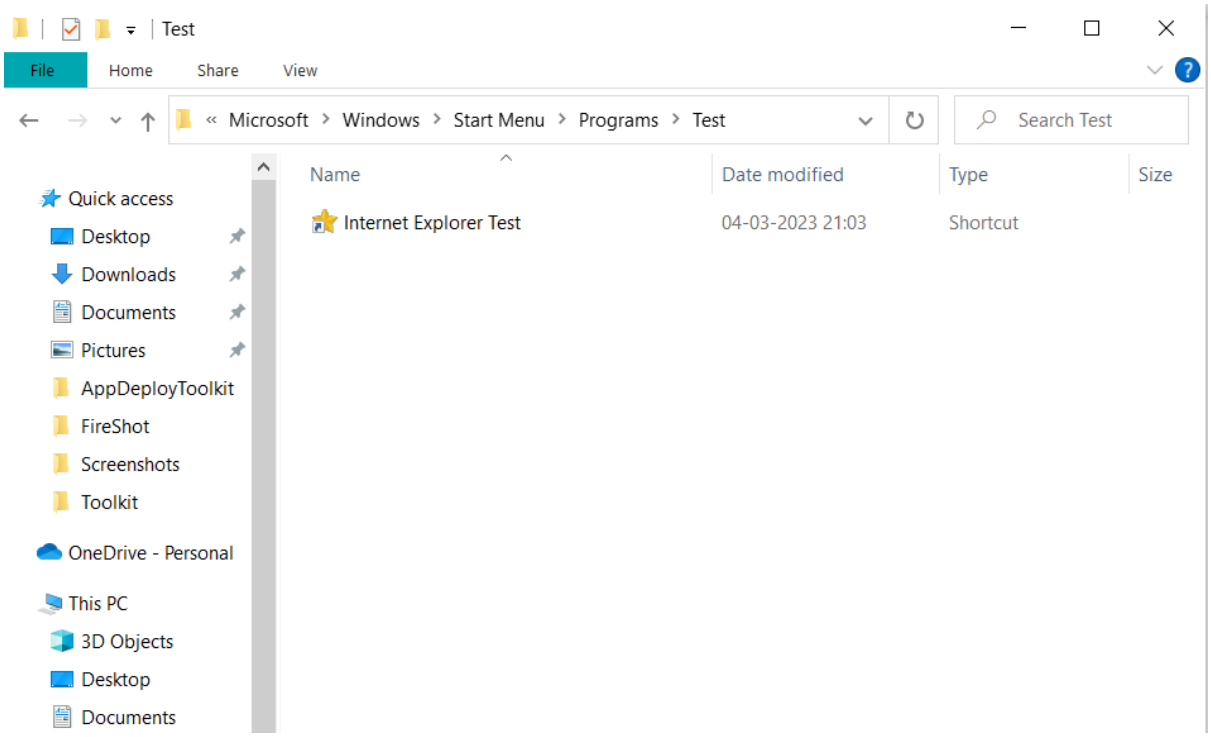
****

```
#we will be using windows script host(older technology)
#win script host is instantiated first.

$WinObj = New-Object -ComObject WScript.Shell

#using createshortcut method and assigning it to a variable
#this is location where the shortcut needs to be created
#this dont create shortcut rather just instantiates the create shortcut object.

$ShortCut = $WinObj.CreateShortcut("C:\ProgramData\Microsoft\Windows\Start
Menu\Programs\Test\Internet Explorer Test.lnk")

#Path to file shortcut will open
#location of the file which we want our shortcut to open

$ShortCut.TargetPath = "C:\\Program Files (x86)\Internet Explorer\iexplore.exe"


#start in????**********************
#adding icon for the shortcut
```

$ShortCut.IconLocation = "C:\Users\HP\OneDrive\Desktop\star.ico"

$ShortCut.Save()





****

****

4) Read .ini file and update it.

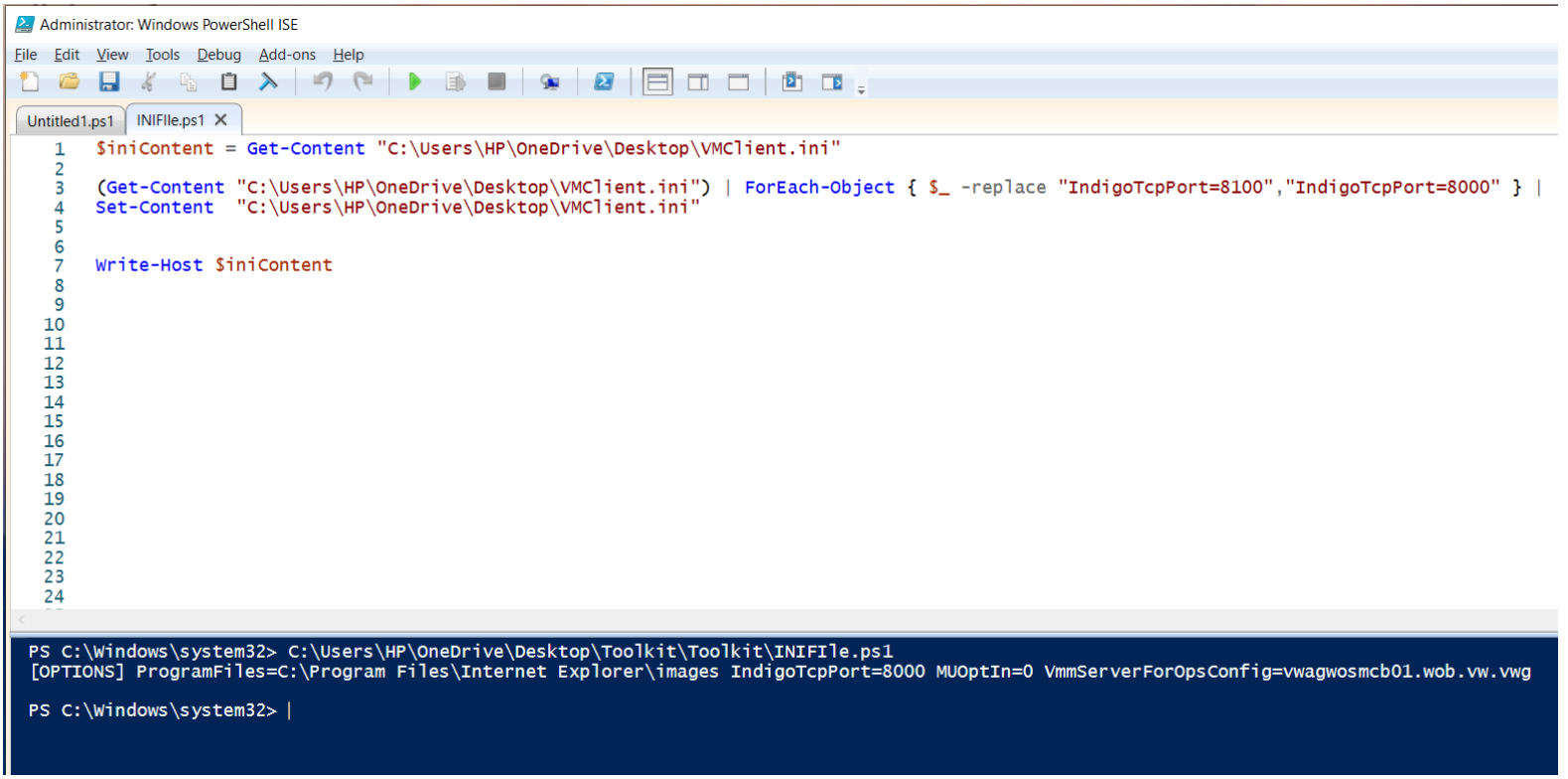
VMClient.ini

Current Value - IndigoTcpPort=8100

New Value - IndigoTcpPort=8000

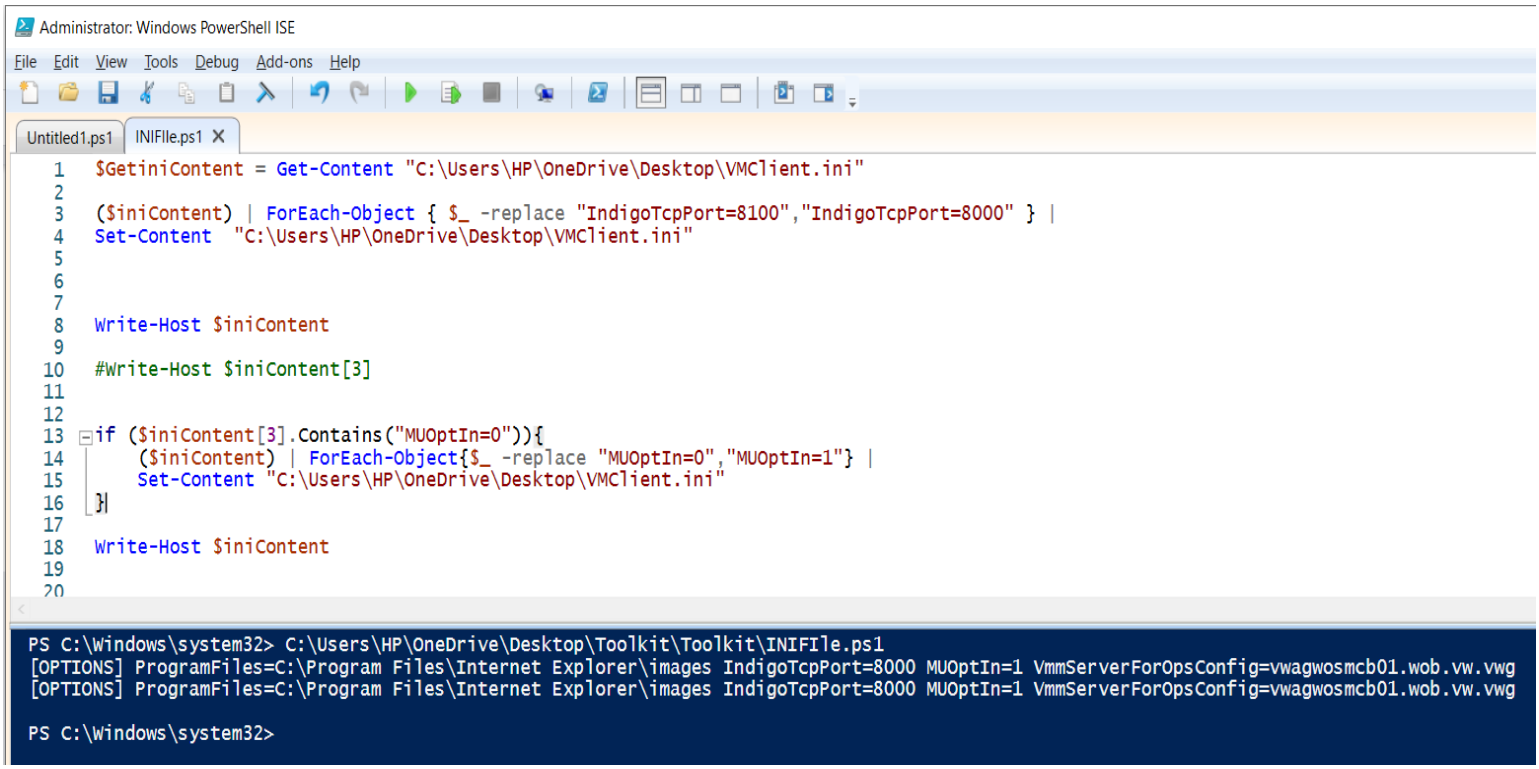
Also check if value MUOptIn = 0 is exists, If yes then set it to ‘1’ else add MUOptIn = 1

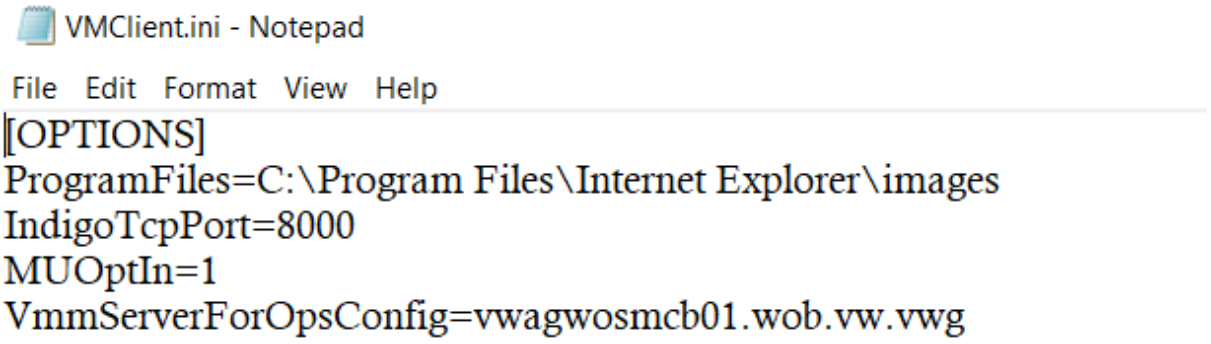
```
$GetiniContent = Get-Content "C:\Users\HP\OneDrive\Desktop\VMClient.ini"

($iniContent) | ForEach-Object { $_ -replace "IndigoTcpPort=8100","IndigoTcpPort=8000" } |
Set-Content  "C:\Users\HP\OneDrive\Desktop\VMClient.ini"

Write-Host $iniContent
```




```
$GetiniContent = Get-Content "C:\Users\HP\OneDrive\Desktop\VMClient.ini"

($iniContent) | ForEach-Object { $_ -replace "IndigoTcpPort=8100","IndigoTcpPort=8000" } |
Set-Content  "C:\Users\HP\OneDrive\Desktop\VMClient.ini"


Write-Host $iniContent

#Write-Host $iniContent[3]


if ($iniContent[3].Contains("MUOptIn=0")){
    ($iniContent) | ForEach-Object{$_ -replace "MUOptIn=0","MUOptIn=1"} |
    Set-Content "C:\Users\HP\OneDrive\Desktop\VMClient.ini"
}
```

Write-Host $iniContent





****
****

(5)

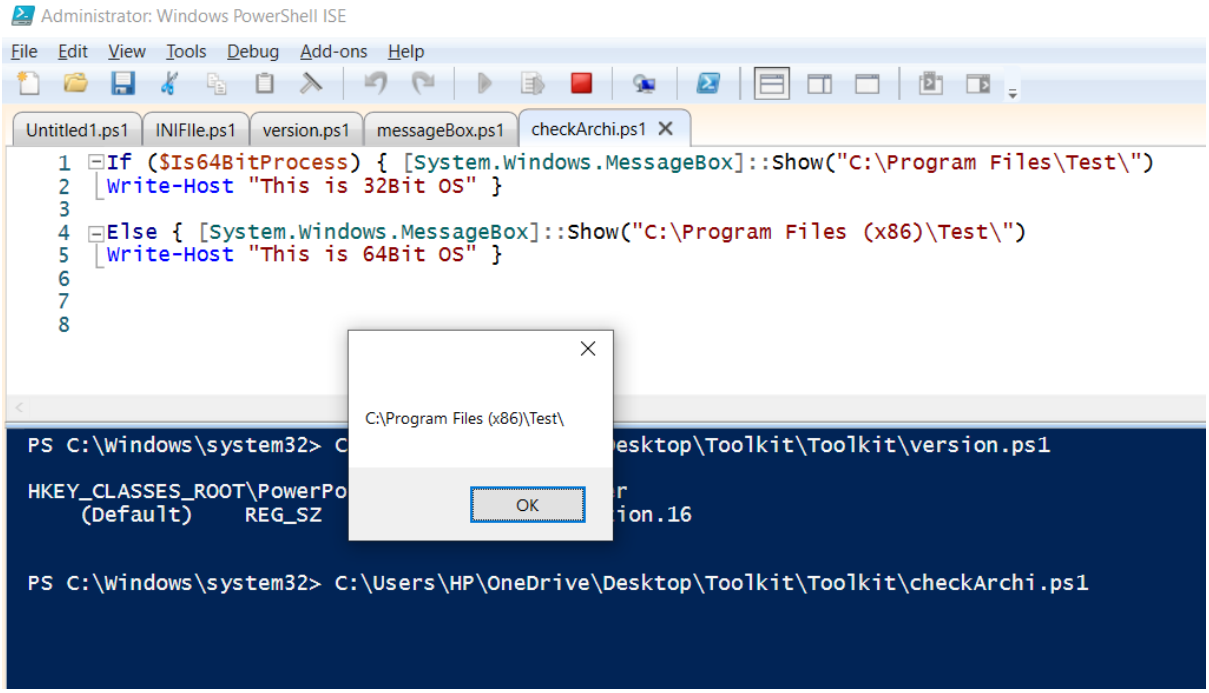
Check system architecture of OS:

If operating system is x86 (32-bit) then displays a message “C:\Program Files\Test\”
If operating system is x64 (64-bit) then displays a message “C:\Program Files (x86)\Test\”
Displays a message accordingly in message Box.

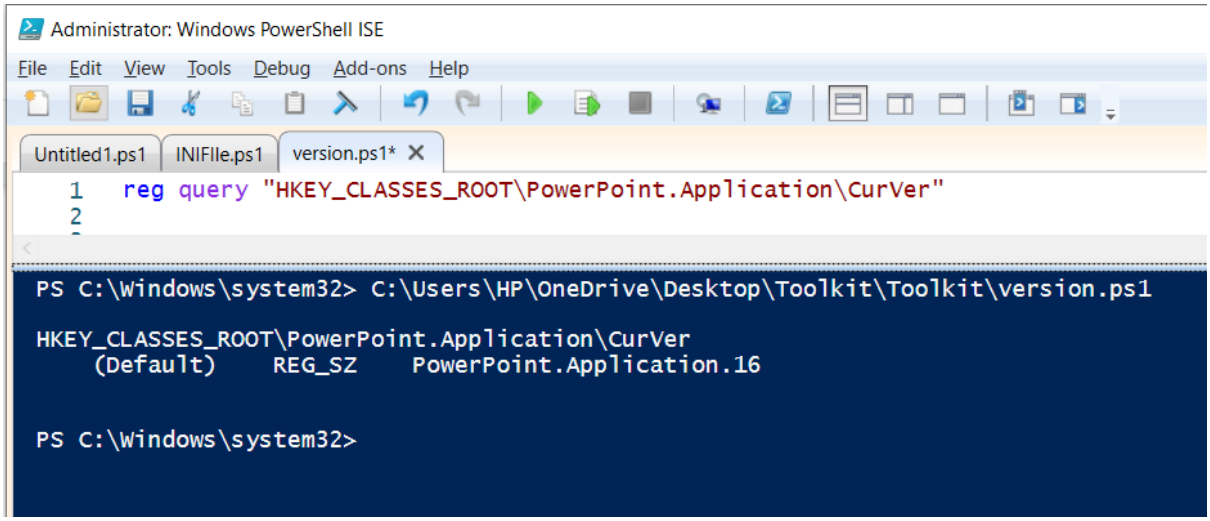
****

If ($Is64BitProcess) { [System.Windows.MessageBox]::Show("C:\Program Files\Test\")
Write-Host "This is 32Bit OS" }

Else { [System.Windows.MessageBox]::Show("C:\Program Files (x86)\Test\")
Write-Host "This is 64Bit OS" }



(6) Check installed Microsoft Office version on the machine and displays a message accordingly.


Administrator: Windows PowerShell ISE
File Edit View Tools Debug Add-ons Help
Untitled1.ps1
INIFile.ps1
version.ps1*
1 reg query "HKEY_CLASSES_ROOT\PowerPoint.Application\CurVer"
2
PS C:\Windows\system32> C:\Users\HP\OneDrive\Desktop\Toolkit\Toolkit\version.ps1
HKEY_CLASSES_ROOT\PowerPoint.Application\CurVer
(Default) REG_SZ PowerPoint.Application.16
PS C:\Windows\system32>