

## DAY 2 Assignment

Instructions:

Begin a new powershell session start with the below commands and provide the answers to all the questions below

```
$MyFile = (Get-Date).TimeOfDay.ToString().Replace(':', '-').Replace('.', '-')
```

```
$MyFile = "ReplaceThisWithYourName{1}{0}.log" -f $MyFile, '-'
```

```
$MyFile = Join-Path $env:USERPROFILE -ChildPath $MyFile
```

**Start-Transcript -Path \$MyFile**

- 1) Using New-Object cmdlet create a custom object type with members as below
  - a) Name = 'Your Name'
  - b) DOB = 'any date'
  - c) Age = Compute the value of this from the DOB field  
Hint: use in combination with other cmdlets if necessary
- 2) Using Hash tables create another custom Object Type with the following members and values
  - a) Training = 'Powershell'
  - b) Attendance = 5
  - c) Assessment = 'PASS'
- 3) Find out the right cmdlet and add the second object members to the first object and store the combined object in variable **\$Student**
- 4) Use the appropriate cmdlets to complete the following steps
  - a) Store the **\$Student** object in csv format in a file name **Student.csv**,
  - b) Verify that the file was created properly using Test-Path cmdlet
  - c) Import the contents of the stored file and store results to **\$ImportedStudent**
- 5) Use Compare-Object to compare the \$Student and \$ImportedStudent and observe the results
- 6) Show the results of the Imported students in Table-Format with the following style
  - a) Name - aligned to left
  - b) Birthday - aligned to right , with the value of DOB property
  - c) Training - aligned to center
- 7) Using **Get-Process** and **Stop-Process** explain in your own words which Parameter gets bound and why?
  - a) <Type your answer as a string using Write-Host >
- 8) Identify all the positional parameters in **New-Item** cmdlet and create 2 new items by using both Positional and NamedParameter
- 9) Which location will you be able to find the default **Format** files used by powershell using **Set-Location** cmdlet change to that folder and list the contents in that folder with extension **.ps1xml**

10) Provide the command that will find all the processes running with one of the following Names  
Notepad, chrome, acrobat or sqlserver

**Stop-Transcript**

**After completion please submit your Transcript Log file**