**Power Shell Questions**

1. List the latest twenty error messages from the system event log. Only return the messages – no further columns.

Get-EventLog -LogName System -Newest 20 -EntryType Error | Format-Table Message

1. Show only the stopped services

Get-Service | Where-Object {$\_.Status -eq "Stopped"}

1. Write a script that will show the free space on different drives.

Get-PSDrive | Where-Object {$\_.Free -gt 1} | ForEach-Object { Write-Host "Free Space For" $\_.Root "is" ([math]::Round($\_.Free/1gb))"GB"}

1. Find all pdf files created on September 2021 on your Desktop folder.

$DesktopPath = [System.Environment]::GetFolderPath([System.Environment+SpecialFolder]::Desktop)  
Get-ChildItem -Path $DesktopPath | Select Name,CreationTime | Where-Object {$\_.CreationTime -gt (Get-Date "31-08-2021") -and $\_.CreationTime -lt (Get-Date "30-09-2021")}

1. Use powershell to create a folder. Use loop to create 20 files with the names file1, file2….file20 and 20 directories with name dir1, dir2, …dir20 inside the folder you created for

function createFile {

param([string]$name, [string]$path)

New-Item -Path $path -ItemType File -Name $name

}

createFile -name "theWall.txt" -path D:\temp