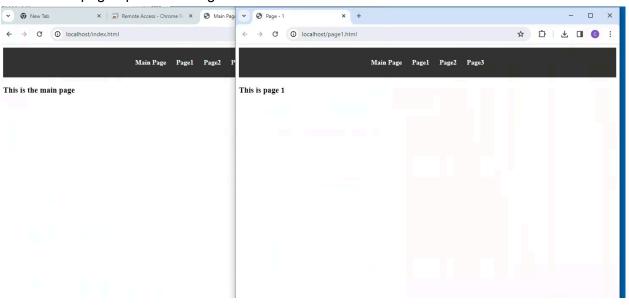
# Lab4-1\_WindowsApacheLogs SYS-320 Ben W SP24

### Deliverables:

1. Web page up and running



# 2. Full Access logs + script

```
| Page |
```

### 3. Last 5 lines

```
# Yowershell Script

# Cd C:\xampp\apache\logs\

Get-Content -tail 5 access.log

PS C:\xampp\apache\logs\

# SYS-320 - Ben W

# SYS-320 - Ben W

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Cd C:\xampp\apache\logs\
# Powershell Script
# SYS-320 - Ben W

Cd C:\xampp\apache\logs\

Get-Content -tail 5 access.log

Get-Content -tail 5 access.log

Get-Content -tail 5 access.log

10.0.17.8 - [09/reb/2024:10:35:43 - 0500] "Get /pagethatdoesnrexist02 HTTP/1.1" 404 296 "-" "Mozilla/s.0 (windows NT 10.0; win64; x64) Applewebkit/537.36 (kHTML, like Gecko) Chrome/121.0.0.0 Safari/537.36

10.0.17.8 - [09/reb/2024:10:35:46 - 0500] "Get /pagethatdoesnrexist03 HTTP/1.1" 404 296 "-" "Mozilla/s.0 (windows NT 10.0; win64; x64) Applewebkit/537.36 (kHTML, like Gecko) Chrome/121.0.0.0 Safari/537.36

10.0.17.8 - [09/reb/2024:10:35:46 - 0500] "Get /pagethatdoesnrexist03 HTTP/1.1" 404 296 "-" "Mozilla/s.0 (windows NT 10.0; win64; x64) Applewebkit/537.36 (kHTML, like Gecko) Chrome/121.0.0.0 Safari/537.36

10.0.17.8 - [09/reb/2024:10:35:46 - 0500] "Get /pagethatdoesnrexist03 HTTP/1.1" 404 296 "-" "Mozilla/s.0 (windows NT 10.0; win64; x64) Applewebkit/537.36 (kHTML, like Gecko) Chrome/121.0.0.0 Safari/537.36

10.0.17.8 - [09/reb/2024:10:35:46 - 0500] "Get /pagethatdoesnrexist03 HTTP/1.1" 404 296 "-" "Mozilla/s.0 (windows NT 10.0; win64; x64) Applewebkit/537.36 (kHTML, like Gecko) Chrome/121.0.0.0 Safari/537.36

(kHTML | kHTML | k
```

#### 4. Only errors

```
2 # SYS-320 - Ben W
3
4 cd ct/samph/apache\logs\
6 cd ct/samph/apache\logs\
7 cd ct/samph/apache\logs\
8 cd ct/samph/apache\logs\
9 ct-content -tail 10 access.log | select-string ' 404 ',' 400 '
10 0.17.8 - [09/reb/202110:13:18 -000] "act / pagethatdescricesion impliat" 40 98 "" "worlla/s 0. (windows str 10.0; winds str
```

## 5. Non '200' responses

```
d cd C:\Xampp\apacne\logs\
6 Get-Content -tail 10 access.log | Select-String ' 200 ' -NotMatch
```

```
PS C:\campp\apache\logs> # Powershell Script
# 575=270 - 66n W
# 575=270 - 66n W
# 575=270 - 66n W
Get-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

Get-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

Get-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access. log | Select-string ' 200 ' -NotMatch

# 66ct-content -tail 10 access log | Se
```

## 6. Log file errors

```
cd C:\xampp\apache\logs
$errors = ls -File .\*.log | Select-String "error"

serrors[-5..-1]
```

```
PS C:\xampp\apache\logs> C:\Users\champuser\Documents\sys320git\PowershellLabs\Lab04-clas
```

```
install.log:14:Rewrote docs/conf/extra/httpd-multilang-errordoc.conf.in
install.log:15: to c:/Apache24/conf/original/extra/httpd-multilang-errordoc.conf
install.log:40:Duplicated c:/Apache24/conf/original/extra/httpd-multilang-errordoc.conf
install.log:41: to c:/Apache24/conf/extra/httpd-multilang-errordoc.conf
```

7. IP List from logs

```
4
      cd C:\xampp\apache\logs
  5
      $notfounds = Get-Content -tail 10 access.log | Select-String ' 404 '
  6
      regex = [regex] ''^(\d{1,3}\.\d{1,3}\.\d{1,3}\.\d{1,3}) .*"
 10
 11
      $ipsUnorganized = $notfounds -split $regex
 12
 13
      $ips = @()
 14 ⊡for ($i=0; $i -lt $ipsUnorganized.Count; $i++) {
 15
          $ips += [pscustomobject]@{ "IP" = $ipsUnorganized[$i]; }
 16
 17
      $ips | ? { $_.IP -ilike "10.*" }
 18
PS C:\xampp\apache\logs> C:\Users\champuser\Documents\sys320git\PowershellLal
ΙP
10.0.17.8
10.0.17.8
10.0.17.8
10.0.17.8
10.0.17.8
10.0.17.8
10.0.17.8
```

8. This worked sort of, I changed it to better match the prompted program, but it stopped working so well.

9. <a href="https://github.com/benjamin-weatherill/SYS-320/tree/main/PowershellLabs/Lab04-Class-Activity">https://github.com/benjamin-weatherill/SYS-320/tree/main/PowershellLabs/Lab04-Class-Activity</a>