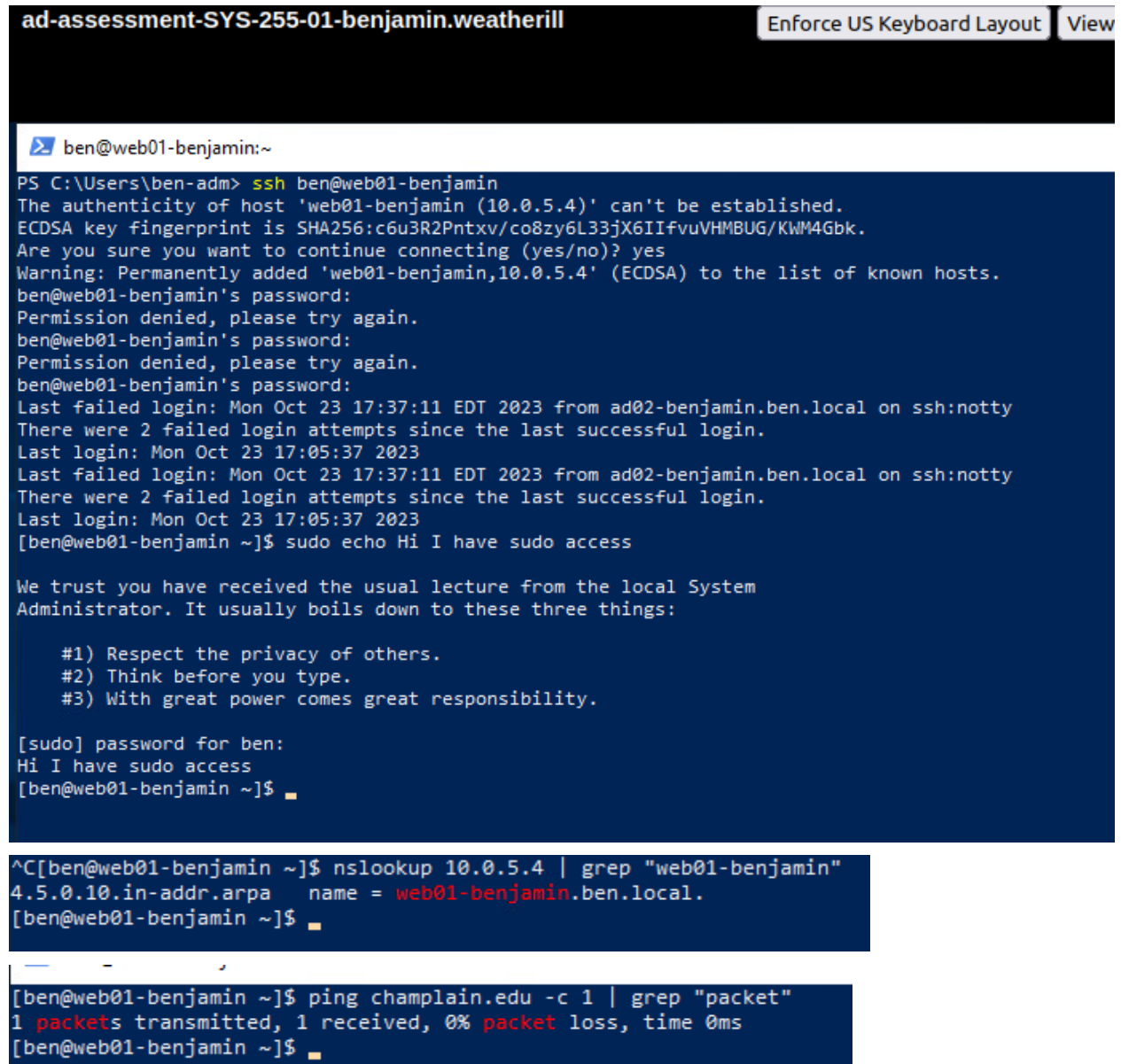


Apache Lab
Ben W
SYS255
FA23

Deliverables:

1. Screenshot showing ssh access, nslookup and ping from web01



The screenshot shows a terminal window titled "ad-assessment-SYS-255-01-benjamin.weatherill" with a tab "Enforce US Keyboard Layout" and a "View" button. The terminal content is as follows:

```
ben@web01-benjamin:~  
PS C:\Users\ben-adm> ssh ben@web01-benjamin  
The authenticity of host 'web01-benjamin (10.0.5.4)' can't be established.  
ECDSA key fingerprint is SHA256:c6u3R2Pntxv/co8zy6L33jX6IIIfvuVHMBUG/KWM4Gbk.  
Are you sure you want to continue connecting (yes/no)? yes  
Warning: Permanently added 'web01-benjamin,10.0.5.4' (ECDSA) to the list of known hosts.  
ben@web01-benjamin's password:  
Permission denied, please try again.  
ben@web01-benjamin's password:  
Permission denied, please try again.  
ben@web01-benjamin's password:  
Last failed login: Mon Oct 23 17:37:11 EDT 2023 from ad02-benjamin.ben.local on ssh:notty  
There were 2 failed login attempts since the last successful login.  
Last login: Mon Oct 23 17:05:37 2023  
Last failed login: Mon Oct 23 17:37:11 EDT 2023 from ad02-benjamin.ben.local on ssh:notty  
There were 2 failed login attempts since the last successful login.  
Last login: Mon Oct 23 17:05:37 2023  
[ben@web01-benjamin ~]$ sudo echo Hi I have sudo access  
  
We trust you have received the usual lecture from the local System  
Administrator. It usually boils down to these three things:  
  
#1) Respect the privacy of others.  
#2) Think before you type.  
#3) With great power comes great responsibility.  
  
[sudo] password for ben:  
Hi I have sudo access  
[ben@web01-benjamin ~]$  
  
^C[ben@web01-benjamin ~]$ nslookup 10.0.5.4 | grep "web01-benjamin"  
4.5.0.10.in-addr.arpa name = web01-benjamin.ben.local.  
[ben@web01-benjamin ~]$  
  
[ben@web01-benjamin ~]$ ping champlain.edu -c 1 | grep "packet"  
1 packets transmitted, 1 received, 0% packet loss, time 0ms  
[ben@web01-benjamin ~]$
```

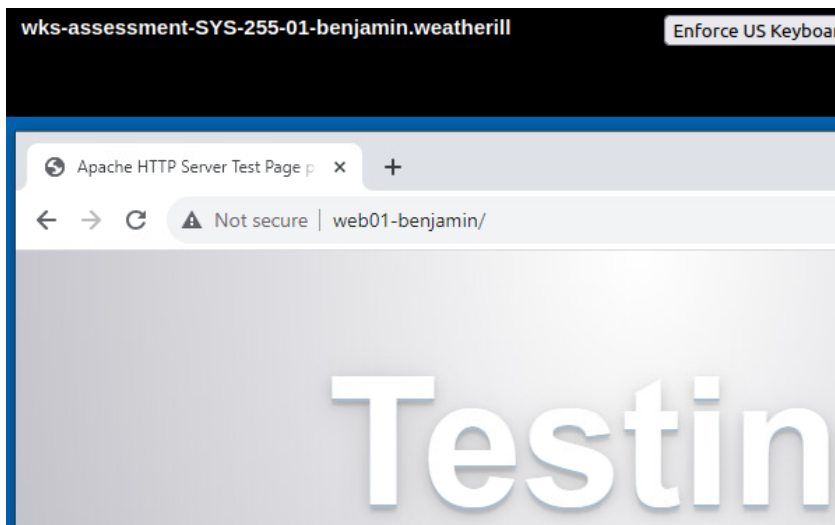
2. Screenshot showing allowing http and https through firewall

```
web01-SYS-255-01-benjamin.weatherill

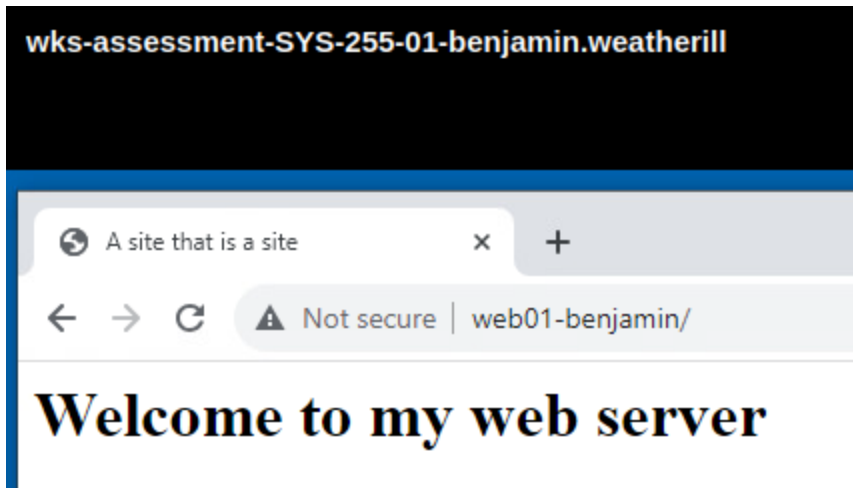
[root@web01-benjamin ~]# firewall-cmd --list-all
public (active)
  target: default
  icmp-block-inversion: no
  interfaces: ens192
  sources:
  services: dhcpv6-client http https ssh
  ports:
  protocols:
  masquerade: no
  forward-ports:
  source-ports:
  icmp-blocks:
  rich rules:

[root@web01-benjamin ~]#
```

3. Screenshot showing access to web01 web page from wks



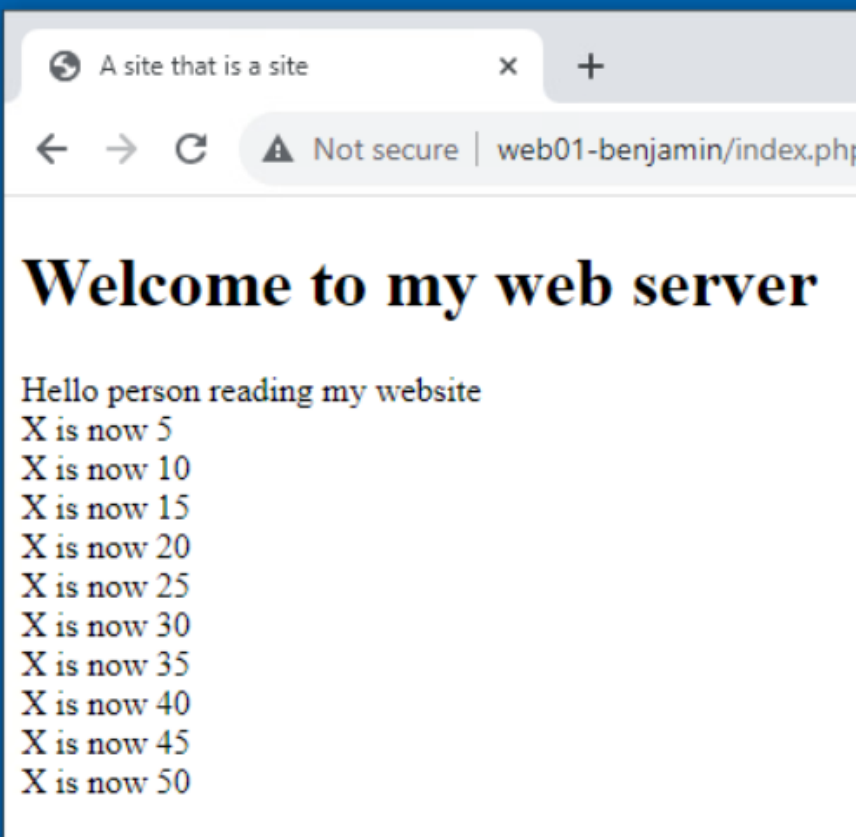
4. Screenshot showing my simple website



5. Screenshot showing my php code and website running php code

```
<!DOCTYPE HTML>
<html>
<head>
<title>A site that is a site</title>
</head>
<body>
<h1> Welcome to my web server </h1>
<?php
    echo "Hello person reading my website<br>";
    for ($x=5; $x<=50; $x+=5) {
        echo "X is now $x<br>";
    }
?>
</body>
</html>
```

wks-assessment-SYS-255-01-benjamin.weatherill



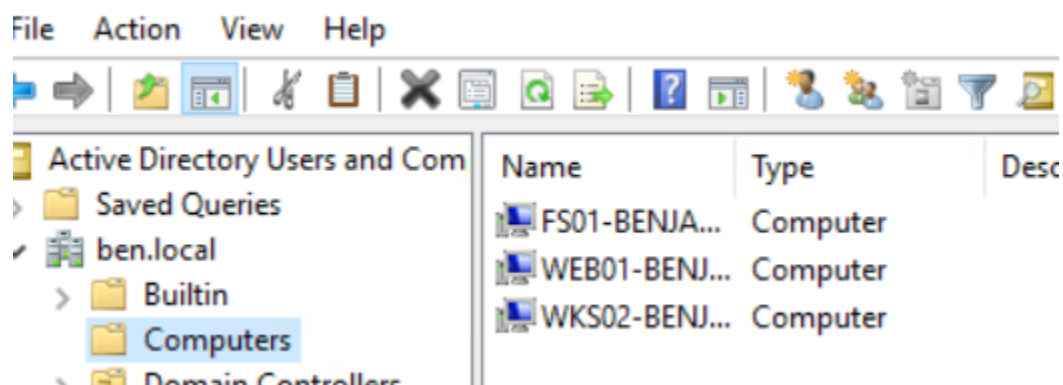
6. Logged into web01 as domain admin account from AD

ad-assessment-SYS-255-01-benjamin.weatherill

```
ben-adm@ben.local@web01-benjamin:~
PS C:\Users\ben-adm> ssh ben-adm@ben.local@web01-benjamin
ben-adm@ben.local@web01-benjamin's password:
Creating home directory for ben-adm@ben.local.
Creating home directory for ben-adm@ben.local.
[ben-adm@ben.local@web01-benjamin ~]$ whoami
ben-adm@ben.local
[ben-adm@ben.local@web01-benjamin ~]$ pwd
/home/ben-adm@ben.local
[ben-adm@ben.local@web01-benjamin ~]$ id
uid=1093201103(ben-adm@ben.local) gid=1093200513(domain user
s@ben.local) groups=1093200513(domain users@ben.local),10932
00512(domain admins@ben.local),1093200572(denied rodc passwo
rd replication group@ben.local) context=unconfined_u:unconfi
ned_r:unconfined_t:s0-s0:c0.c1023
[ben-adm@ben.local@web01-benjamin ~]$
```

7. Screenshot of web01 in AD users and computers

Active Directory Users and Computers



8. <https://github.com/benjamin-weatherill/SYS255/wiki/Lab08-%E2%80%90Linux-Domain-Join>
9. <https://github.com/benjamin-weatherill/SYS255/wiki/Lab-08-%E2%80%90Apache-Install-and-Configure>