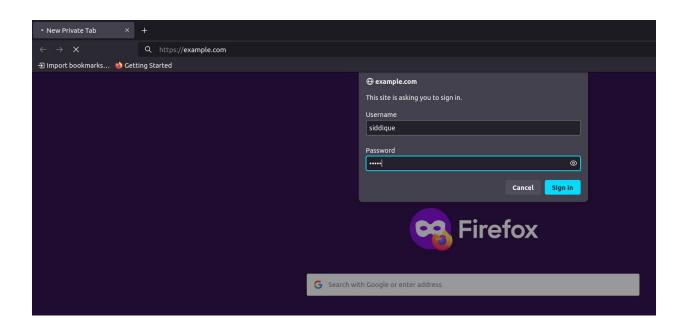
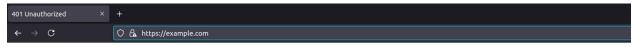
# 2019831019 Abu Bakar Siddique LAB REPORT



Lab Task By Siddique



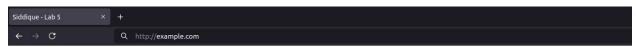


### Unauthorized

This server could not verify that you are authorized to access the document requested. Either you supplied the wrong credentials (e.g., bad password), or your brows

Apache/2.4.52 (Ubuntu) Server at example.com Port 443





## Siddique Task 5

```
Terminal

Terminal

CRU nano 6.2

tndex.html

chead>

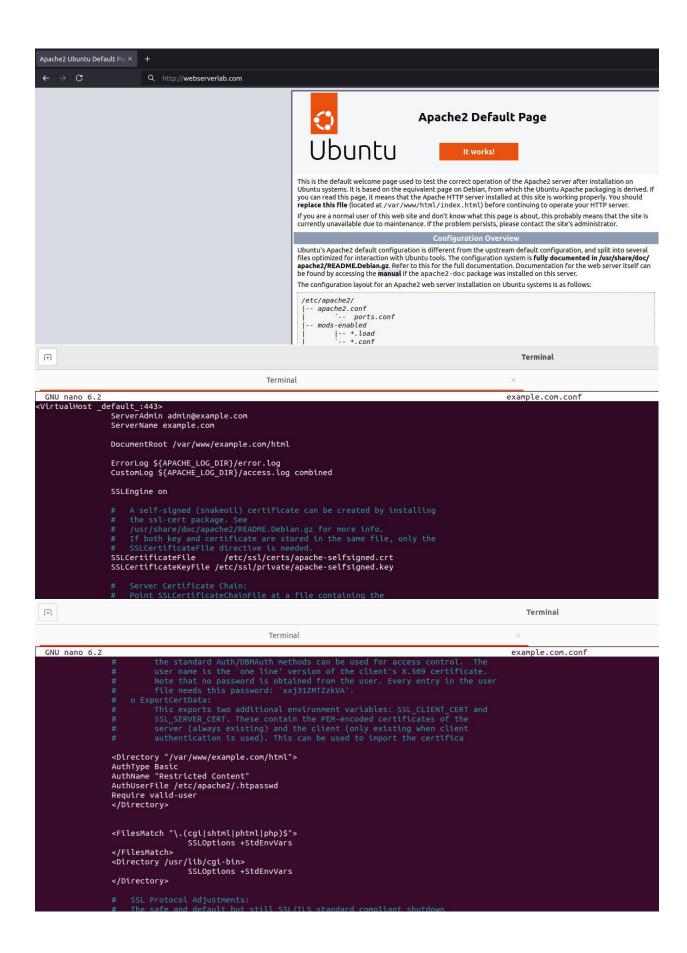
<tittle> Stddtque- Lab 5 </tttle>

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chody>

chts Stddtque - Security Lab </hi>
</body>

</html>
```



1

### Terminal

```
GNU nano 6.2

<VirtualHost *:80>
    ServerAdmin webmaster@example.com
    ServerName example.com
    ServerAlias www.example.com

DocumentRoot /var/www/example.com/html

# Redirect all traffic to HTTPS
    Redirect permanent / https://example.com/

ErrorLog ${APACHE_LOG_DIR}/example.com_error.log
    CustomLog ${APACHE_LOG_DIR}/example.com_access.log combined
</VirtualHost>
```

#### Terminal

```
$ sudo htpasswd -c /etc/apache2/.htpasswd siddique
New password:
Re-type new password:
Adding password for user siddique
$ cat /etc/apache2/.htpasswd
siddique:$apr1$lJAZTe2v$ir/djovuGmi8Aj6GXV6mX1
$
```

```
s
Kups cache crash lib local lock log mail metrics opt run snap spool tmp www
d www
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mime.types
mke2fs.conf
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modprobe.d
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modules-load.d
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zsh_command_not_found
               shibant can be carried to the carried to the carried to carried to
            ls '
pachez.conf conf-available conf-enabled envvars magic mods-available mods-enabled ports.conf sites-available sites-enabled cd sites-enabled ls
ls
efault-ssl.conf example.com.conf
sudo nano example.con.conf
sudo nano default-ssl.conf
         GNU nano 6.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    default-ssl.conf
<IfModule mod_ssl
                                                                                                                        <VirtualHost _default_:443>
                                                                                                                                                                                                                                                      ServerAdmin admin@webserverlab.com
                                                                                                                                                                                                                                                      ServerName webserverlab.com
                                                                                                                                                                                                                                                   DocumentRoot /var/www/html
                                                                                                                                                                                                                                                # modules, e.g.
#LogLevel info ssl:warn
                                                                                                                                                                                                                                                   ErrorLog ${APACHE_LOG_DIR}/error.log
CustomLog ${APACHE_LOG_DIR}/access.log combined
                                                                                                                                                                                                                                                # For most configuration files from conf-available/, which are
# enabled or disabled at a global level, it is possible to
# include a line for only one particular virtual host. For example the
# following line enables the CGI configuration for this host only
                                                                                                                                                                                                                                                   # SSL Engine Switch:
# Enable/Disable SSL for this virtual host.
```

SSLEngine on

SSLCertificateFile

the ssl-cert package. See /usr/share/doc/apache2/README.Debian.gz for more info.

SSLCertificateKeyFile /etc/ssl/private/apache-selfsigned.key

Point SSLCertificateChainFile at a file containing the

If both key and certificate are stored in the same file, only the SSLCertificateFile directive is needed.

/etc/ssl/certs/apache-selfsigned.crt