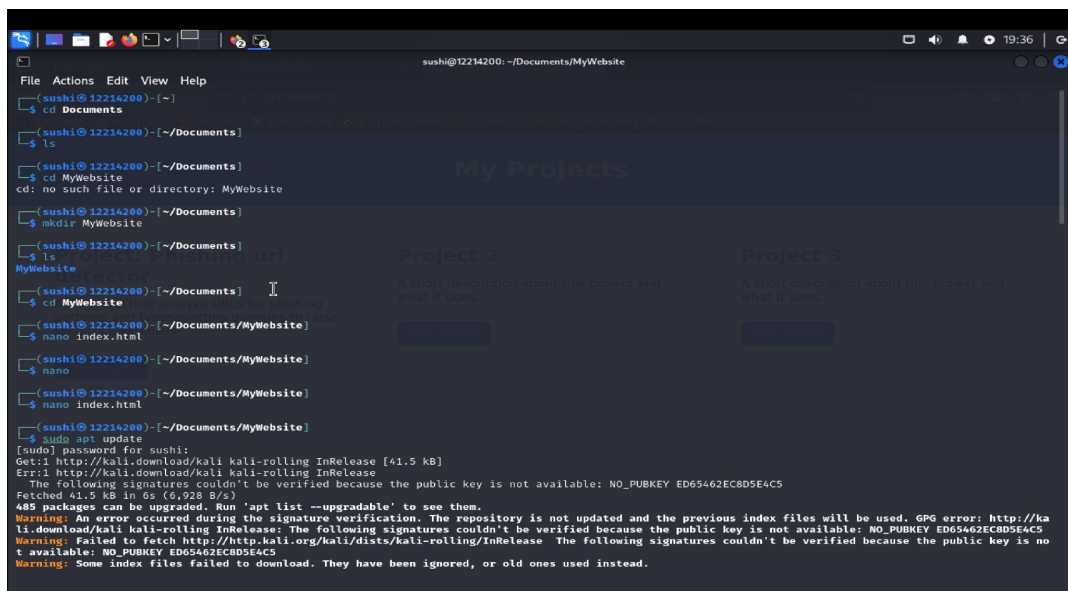


Project Report

Project Title:	Static HTML/XML Website Hosting on Linux Server
Profile Area of Interest:	System Administration / Infra Operations
Project Description:	Created and hosted a static HTML/XML website on Kali Linux using Apache web server. Configured server directories, managed file permissions, and verified website accessibility. Gained hands-on experience in Linux system administration, web hosting, and content management.
Key Skills:	Linux Administration, Apache Web Server, HTML, XML, File Management, System Configuration

Project Screenshots:



```
sushi@12214200: ~/Documents/MyWebsite
$ cd Documents
$ ls
$ cd MyWebsite
cd: no such file or directory: MyWebsite
$ mkdir MyWebsite
$ ls
MyWebsite
$ cd MyWebsite
$ nano index.html
$ nano
$ nano index.html
$ sudo apt update
[sudo] password for sushi:
Get:1 http://kali.download/kali kali-rolling InRelease [41.5 kB]
Err:1 http://kali.download/kali kali-rolling InRelease
  The following signatures couldn't be verified because the public key is not available: NO_PUBKEY ED65462EC8D5E4C5
Fetched 41.5 kB in 6s (6,928 B/s)
485 packages can be upgraded. Run 'apt list --upgradable' to see them.
Warning: An error occurred during the signature verification. The repository is not updated and the previous index files will be used. GPG error: http://ka
li.download/kali kali-rolling InRelease: The following signatures couldn't be verified because the public key is not available: NO_PUBKEY ED65462EC8D5E4C5
Warning: Failed to fetch http://http.kali.org/kali/dists/kali-rolling/InRelease The following signatures couldn't be verified because the public key is no
t available: NO_PUBKEY ED65462EC8D5E4C5
Warning: Some index files failed to download. They have been ignored, or old ones used instead.
```

```
sushi@12214200: ~/Documents/MyWebsite
File Actions Edit View Help

(sushi@12214200)~[~/Documents/MyWebsite]
$ sudo apt install apache2 -y
Upgrading:
  apache2  apache2-bin  apache2-data  apache2-utils
Summary:
  Upgrading: 4, Installing: 0, Removing: 0, Not Upgrading: 481
  Download size: 1,877 kB
  Space needed: 71.7 kB / 13.3 GB available

Get:3 http://mirror.nyuist.edu.cn/kali kali-rolling/main arm64 apache2-data all 2.4.63-1 [160 kB]
Get:2 http://kali.download/kali kali-rolling/main arm64 apache2-bin arm64 2.4.63-1 [1,289 kB]
Get:4 http://kali.download/kali kali-rolling/main arm64 apache2-utils arm64 2.4.63-1 [210 kB]
Get:1 http://mirrors.neusoft.edu.cn/kali kali-rolling/main arm64 apache2 arm64 2.4.63-1 [219 kB]
Fetched 1,877 kB in 12s (153 kB/s)
(Reading database ... 398300 files and directories currently installed.)
Preparing to unpack .../apache2_2.4.63-1_arm64.deb ...
Unpacking apache2 (2.4.63-1) over (2.4.62-3) ...
Preparing to unpack .../apache2-bin_2.4.63-1_arm64.deb ...
Unpacking apache2-bin (2.4.63-1) over (2.4.62-3) ...
Preparing to unpack .../apache2-data_2.4.63-1_all.deb ...
Unpacking apache2-data (2.4.63-1) over (2.4.62-3) ...
Preparing to unpack .../apache2-utils_2.4.63-1_arm64.deb ...
Unpacking apache2-utils (2.4.63-1) over (2.4.62-3) ...
Setting up apache2-bin (2.4.63-1) ...
Setting up apache2-data (2.4.63-1) ...
Setting up apache2-utils (2.4.63-1) ...
Setting up apache2 (2.4.63-1) ...
apache2.service is a disabled or a static unit not running, not starting it.
apache-htcacheclean.service is a disabled or a static unit not running, not starting it.
Processing triggers for kali-menu (2025.1.1) ...
Processing triggers for man-db (2.13.0-1) ...

(sushi@12214200)~[~/Documents/MyWebsite]
$ sudo systemctl start apache2

(sushi@12214200)~[~/Documents/MyWebsite]
$ sudo systemctl enable apache2
Synchronizing state of apache2.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable apache2
Created symlink '/etc/systemd/system/multi-user.target.wants/apache2.service' → '/usr/lib/systemd/system/apache2.service'.
```

```
(sushi@12214200)~[~/Documents/MyWebsite]
$ sudo cp -r /home/kali/MyWebsite/* /var/www/html
cp: cannot stat '/home/kali/MyWebsite/*': No such file or directory

(sushi@12214200)~[~/Documents/MyWebsite]
$ sudo cp -r /home/sushi/Documents/MyWebsite/* /var/www/html

(sushi@12214200)~[~/Documents/MyWebsite]
```

