1. Install Apache

sudo apt update

sudo apt install apache2 -y

2. Basic Apache Configuration

* Document Root: Apache’s default document root is usually /var/www/html. This is where you’ll store your website files.
* Configuration File: The main configuration file is /etc/apache2/apache2.conf. Site-specific configuration files are typically located in /etc/apache2/sites-available/.

1. Enable the site and reload Apache:

sudo a2ensite mywebsite.conf

sudo systemctl reload apache2

3. File Permissions

* Set correct permissions for your website files to ensure Apache can access them:

sudo chown -R www-data:www-data /var/www/mywebsite

sudo chmod -R 755 /var/www/mywebsite

4. Serving Static Content

* Place HTML, CSS, and JavaScript files in your document root directory, such as /var/www/mywebsite, so Apache can serve them.
* To test, create a sample HTML file:

echo "<html><body bgcolor=”teal”><h1> This is the default website</h1></body></html>" | sudo tee /var/www/mywebsite/index.html

5. Adjust Firewall

* Allow HTTP (port 80) and HTTPS (port 443) through the firewall:

sudo ufw allow 'Apache Full'

6. Enable and Start Apache

sudo systemctl enable apache2

sudo systemctl start apache2

7. Test Apache

* Visit http://your\_server\_ip or http://mywebsite.com in your browser to confirm the setup.