**Task- Apache2 page is running on localhost make it abc.com & it also run or connect or other system. please give step to step solution.**

**Step 1: Install Apache2**

sudo apt update

sudo apt install apache2

sudo systemctl start apache2

sudo systemctl enable apache2

**Step 2: Configure Apache Virtual Host**

cd /etc/apache2/sites-available/

sudo nano abc.com.conf

**Add the following content**

<VirtualHost \*:80>

ServerName abc.com

ServerAlias www.abc.com

DocumentRoot /var/www/abc.com

<Directory /var/www/abc.com>

Options Indexes FollowSymLinks

AllowOverride All

Require all granted

</Directory>

ErrorLog ${APACHE\_LOG\_DIR}/abc.com-error.log

CustomLog ${APACHE\_LOG\_DIR}/abc.com-access.log combined

</VirtualHost>

sudo a2ensite abc.com.conf

sudo a2dissite 000-default.conf

sudo systemctl reload apache2

**Step 3: Set Up the Website Directory**

sudo mkdir -p /var/www/abc.com

sudo chown -R $USER:$USER /var/www/abc.com

sudo chmod -R 755 /var/www/abc.com

echo "<h1>Welcome to abc.com</h1>" | sudo tee /var/www/abc.com/index.html

**Step 4: Map abc.com to the Server**

sudo nano /etc/hosts

127.0.0.1 abc.com

<your-server-IP> abc.com

sudo ufw allow 'Apache Full'

sudo ufw enable

**Step 5: (Optional) Public Access**

sudo apt install certbot python3-certbot-apache

sudo certbot --apache

**Step 6: Verify the Setup**

Test the site locally by visiting http://abc.com in a browser.