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.