Task1

Sudo apt update

Sudo install apache2

```
| Independent |
```

Task2 - task3

Sudo nano pageName

Redirect 301 /page1.html /page.html

We use 301 means moved permeanetlly

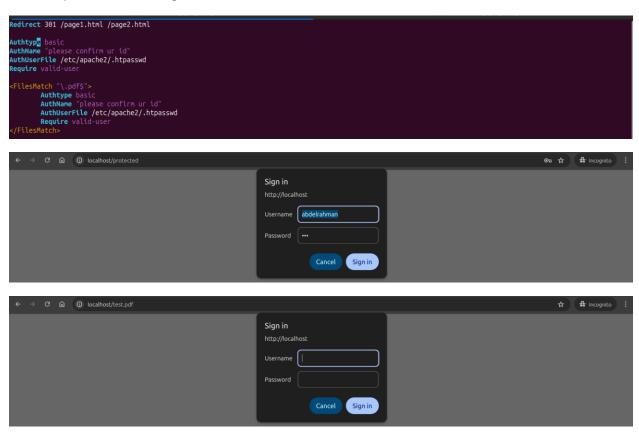
```
abdelrahmangabdelrahman-lap: \cdot /var/www/html \sudo nano page1.html 
abdelrahmangabdelrahman-lap: \cdot /var/www/html \sudo nano page2.html 
abdelrahmangabdelrahman-lap: \cdot /var/www/html \sudo nano \cdot /var/ww
```

```
abdelrahman@abdelrahman-lap:/var/www/html$ cd protected/
abdelrahman@abdelrahman-lap:/var/www/html/protected$ sudo systemctl restart apache2

'[[A^[[D^[[C^[[C^[[Cabdelrahman@abdelrahman-lap:/var/www/html/protected$ sudo vim .htaccess
abdelrahman@abdelrahman-lap:/var/www/html/protected$ cd html/
bash: cd: html/: No such file or directory
abdelrahman@abdelrahman-lap:/var/www/html/protected$ cd /html
bash: cd: /html: No such file or directory
abdelrahman@abdelrahman-lap:/var/www/html/protected$ cd
abdelrahman@abdelrahman-lap:/var/www/html$ sudo vim .htaccess
abdelrahman@abdelrahman-lap:/var/www/html$ sudo vim .htaccess
abdelrahman@abdelrahman-lap:/var/www/html$ sudo vim .estart apache2
abdelrahman@abdelrahman-lap:/var/www/html$ sudo vim .htaccess
```

Task3 - task4

We use put the following code insed the .htaccess



Task5

```
abdelrahman@abdelrahman-lap:/var/www/html$ sudo vim .htaccess
abdelrahman@abdelrahman-lap:/var/www/html$ sudo mkdir vipOnly
[sudo] password for abdelrahman:
abdelrahman@abdelrahman-lap:/var/www/html$ cd vipOnly/
abdelrahman@abdelrahman-lap:/var/www/html*vipOnly$ sudo vim .htaccess
abdelrahman@abdelrahman-lap:/var/www/html/vipOnly$ sudo vim .htaccess
abdelrahman@abdelrahman-lap:/var/www/html/vipOnly$ sudo htpasswd /etc/apache2/.htpasswd abdh
New password:
Re-type new password:
Adding password for user abdh
abdelrahman@abdelrahman-lap:/var/www/html/vipOnly$ sudo vim .htaccess
abdelrahman@abdelrahman-lap:/var/www/html/vipOnly$ sudo vim .htaccess
abdelrahman@abdelrahman-lap:/var/www/html/vipOnly$ sudo vim .htaccess
abdelrahman@abdelrahman-lap:/var/www/html/vipOnly$

AuthType basic

AuthType basic

AuthMare "Vip only"

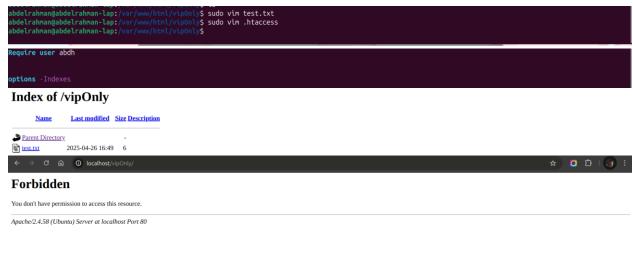
AuthMare "Vip only"

AuthMare "Vip only"

AuthUsserFile /etc/apache2/.htpasswd

Require user abdh
```

Task6



Task7



hello page 2