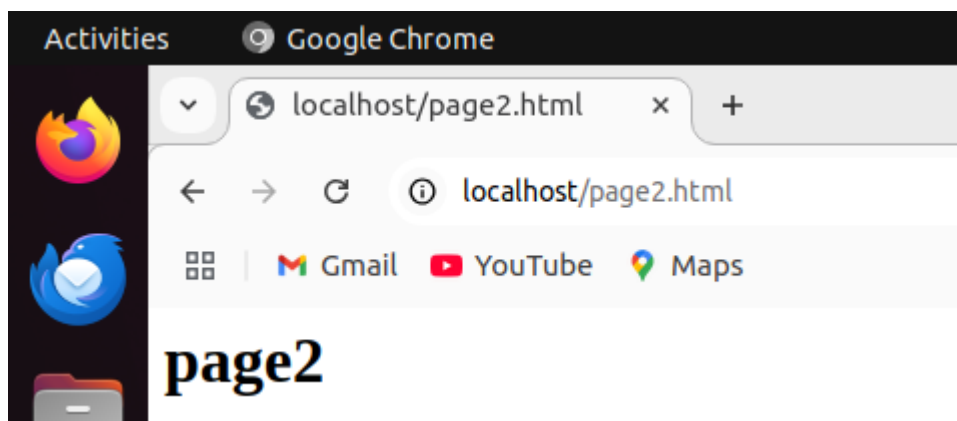


apache_lab1

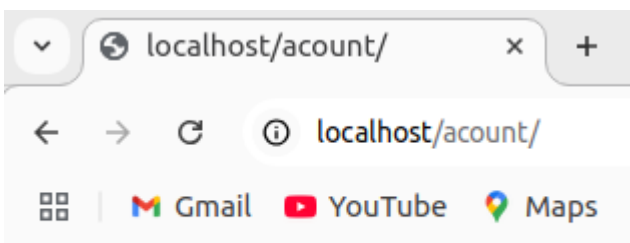
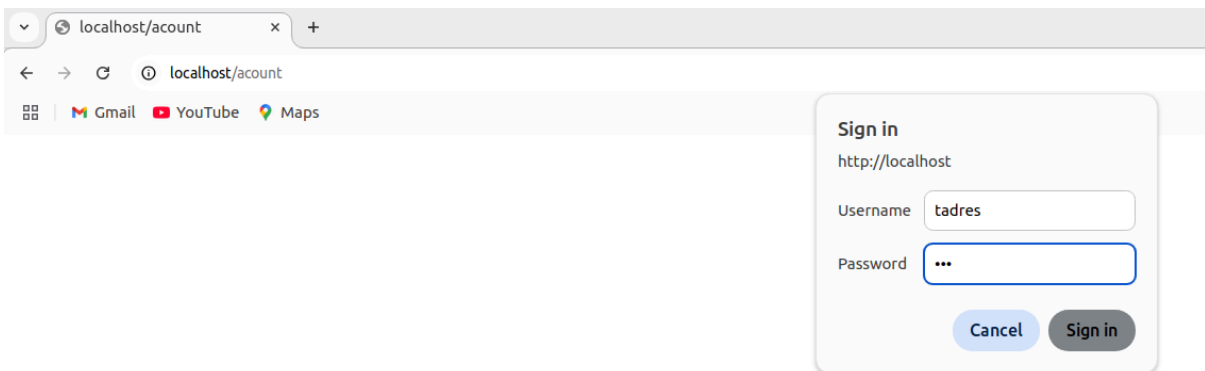
2-Create two simple html pages named “page1.html, page2.html” then use the suitable directive to automatically redirect from localhost/page1.html to localhost/page2.html.

```
tadres@tadres: /var/www/html
tadres@tadres:~$ cd /var/www/html
tadres@tadres:/var/www/html$ sudo nano page1.html
[sudo] password for tadres:
tadres@tadres:/var/www/html$ sudo nano /etc/apache2/apache2.conf
[sudo] password for tadres:
tadres@tadres:/var/www/html$ sudo nano page2.html
tadres@tadres:/var/www/html$ sudo nano .htaccess
tadres@tadres:/var/www/html$ ls -la
total 32
drwxr-xr-x 2 root root 4096 Apr 26 14:46 .
drwxr-xr-x 3 root root 4096 Apr 26 00:26 ..
-rw-r--r-- 1 root root 33 Apr 26 14:46 .htaccess
-rw-r--r-- 1 root root 10671 Apr 26 00:26 index.html
-rw-r--r-- 1 root root 15 Apr 26 14:24 page1.html
-rw-r--r-- 1 root root 15 Apr 26 14:44 page2.html
tadres@tadres:/var/www/html$ sudo systemctl restart apache2
tadres@tadres:/var/www/html$
```



3-Ask for user name and password when accessing a directory.

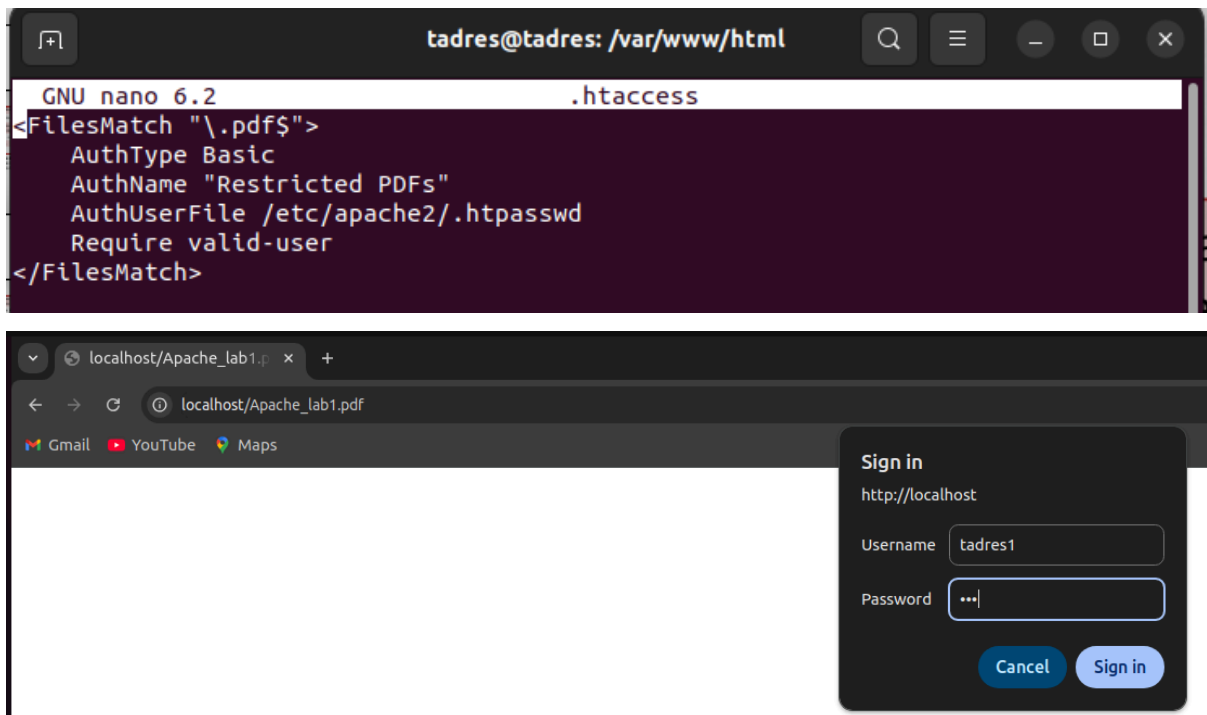
```
tadres@tadres: /var/www/html/acount
tadres@tadres:~$ cd /var/www/html
tadres@tadres:/var/www/html$ sudo mkdir acount
[sudo] password for tadres:
tadres@tadres:/var/www/html$ cd /var/www/html/acount
tadres@tadres:/var/www/html/acount$ sudo nano index.html
tadres@tadres:/var/www/html/acount$ which htpasswd
/usr/bin/htpasswd
tadres@tadres:/var/www/html/acount$ sudo htpasswd -c /etc/apache2/.htpasswd tadr
es
New password:
Re-type new password:
Adding password for user tadres
tadres@tadres:/var/www/html/acount$ sudo nano .htaccess
tadres@tadres:/var/www/html/acount$ sudo systemctl restart apache2
tadres@tadres:/var/www/html/acount$
```



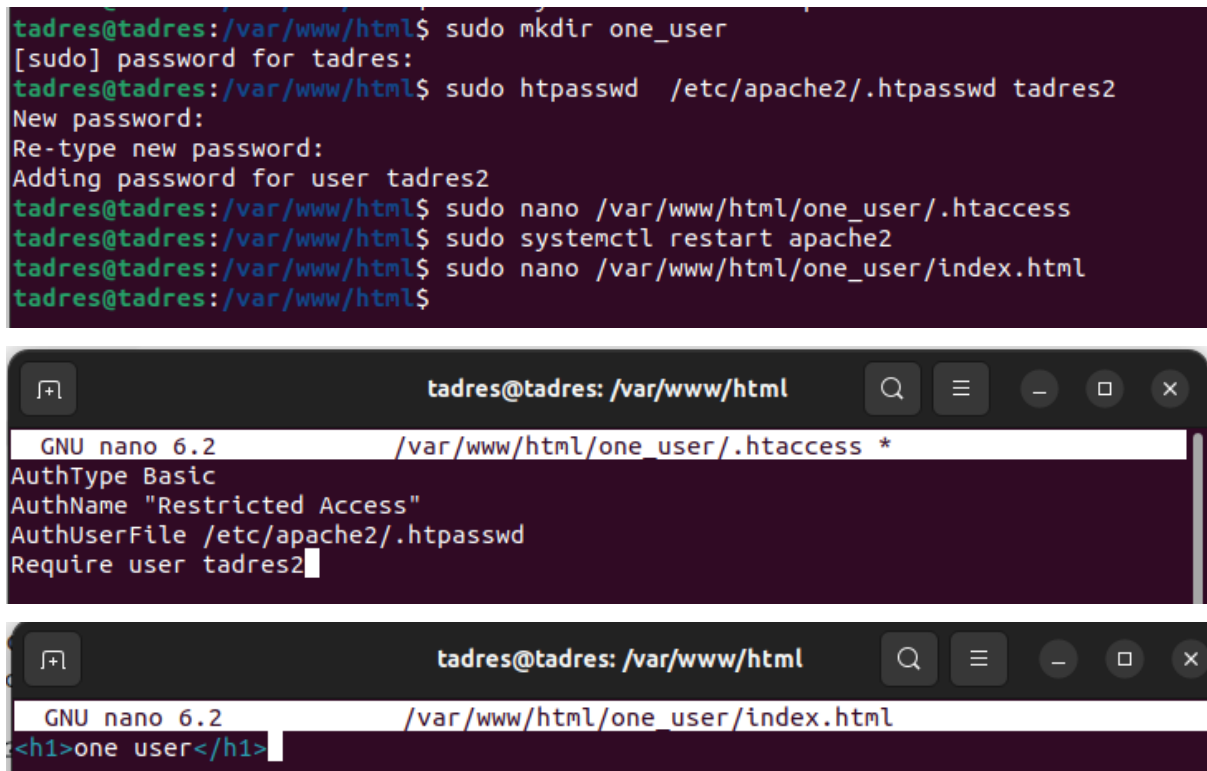
this is account page

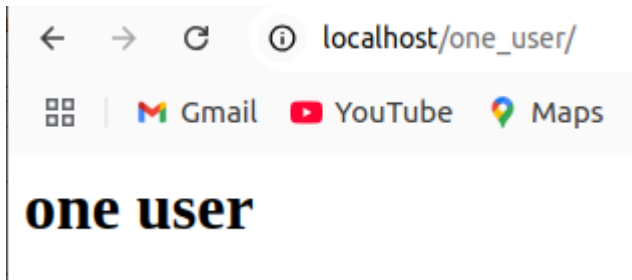
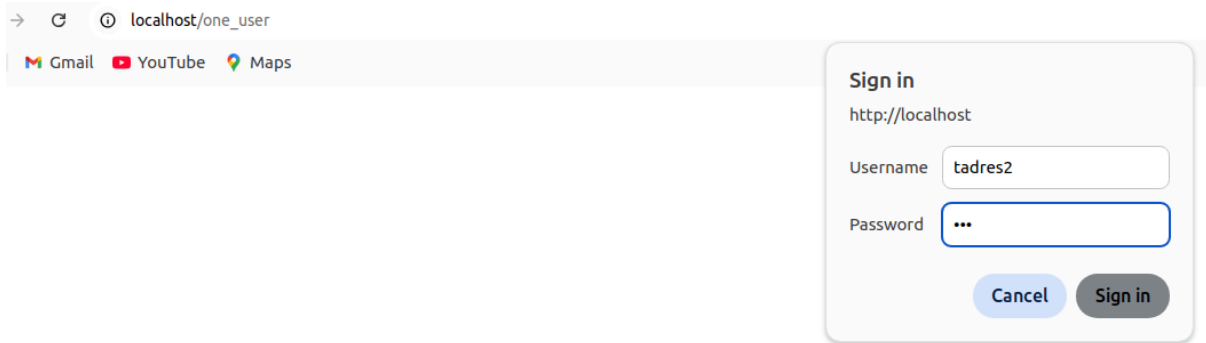
4-Apply authentication before downloading PDF files.

```
tadres@tadres: /var/www/html
tadres@tadres:/var/www/html$ sudo cp ~/Downloads/Apache_lab1.pdf /var/www/html
tadres@tadres:/var/www/html$ sudo htpasswd /etc/apache2/.htpasswd tadres1
New password:
Re-type new password:
Adding password for user tadres1
tadres@tadres:/var/www/html$ sudo nano .htaccess
tadres@tadres:/var/www/html$ sudo nano .htaccess
tadres@tadres:/var/www/html$ sudo systemctl restart apache2
tadres@tadres:/var/www/html$
```



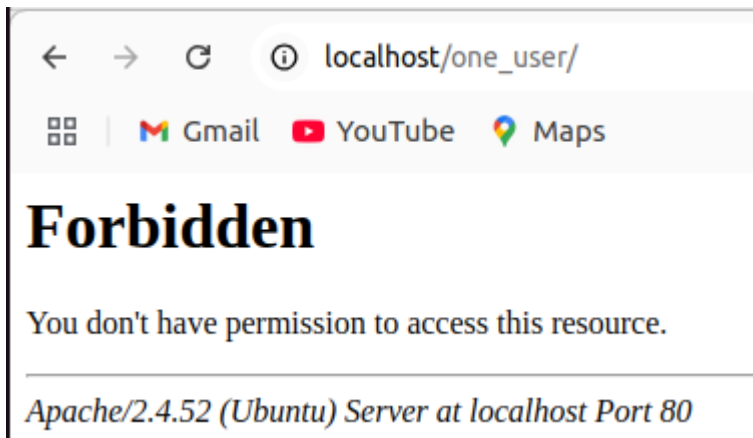
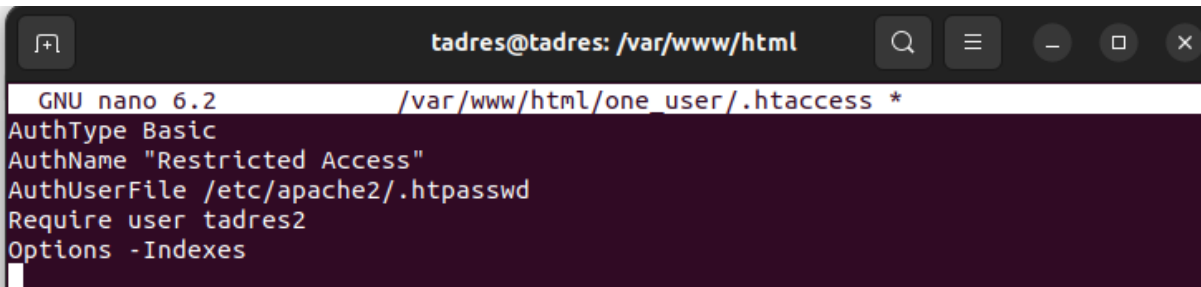
5-Create a directory then allow access to one of your classmates only.





6-Disable listing the directory content (hint use indexes).

```
tadres@tadres:/var/www/html$ sudo nano /var/www/html/one_user/.htaccess
[sudo] password for tadres:
tadres@tadres:/var/www/html$ sudo rm /var/www/html/one_user/index.html
tadres@tadres:/var/www/html$ sudo systemctl restart apache2
```



7-Change the default index page to be default.html instead of index.html (use DirectoryIndex)

```
tadres@tadres:/var/www/html$ sudo systemctl restart apache2
tadres@tadres:/var/www/html$ sudo nano /etc/apache2/sites-available/000-default.conf
tadres@tadres:/var/www/html$ sudo systemctl restart apache2
tadres@tadres:/var/www/html$ sudo nano /var/www/html/default.html
tadres@tadres:/var/www/html$
```

```
# value is not decisive as it is used
# However, you must set it for any further
#ServerName www.example.com

ServerAdmin webmaster@localhost
DocumentRoot /var/www/html
DirectoryIndex default.html
# Available loglevels: trace8, ..., trace1, ..., debug, info, warn, error, crit,
#
```

```
tadres@tadres: /var/www/html
GNU nano 6.2 /var/www/html/default.html
<h1>default file</h1>
```

← → ↻ ⓘ localhost

📏 | 📧 Gmail 📺 YouTube 📍 Maps

default file

another solve:

```
tadres@tadres:/var/www/html$ sudo nano /var/www/html/.htaccess
tadres@tadres:/var/www/html$ sudo systemctl restart apache2
tadres@tadres:/var/www/html$ sudo nano /var/www/html/default.html
```

```
tadres@tadres: /var/www/html
GNU nano 6.2 /var/www/html/.htaccess
DirectoryIndex default.html
```