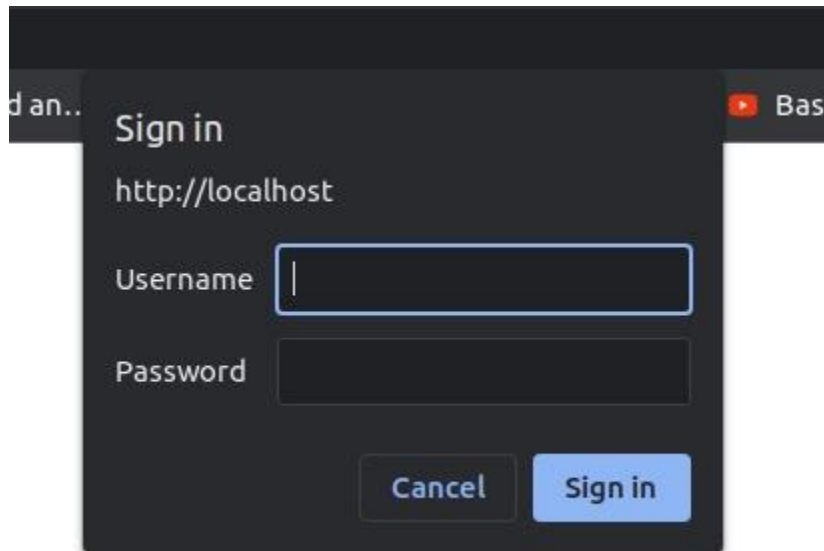


Install Apache HTTP server Create two simple html pages named “page1.html, page2.html” then use the suitable directive to automatically redirect from localhost/page1.html to localhost/page2.html.

```
<Directory /var/www/html/page1.html>
Redirect 302 http://localhost/page2.html
</Directory>
```

Ask for username and password when accessing a directory.

```
<Directory /var/www/html/dir1>
    AuthType Basic
    AuthName "Restricted web page"
    AuthUserFile "/var/www/html/.htpasswd"
    require valid-user
</Directory>
```



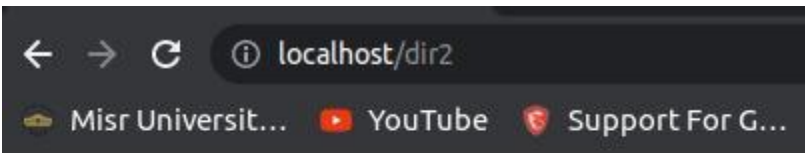
The screenshot shows a web browser window with a dark theme. A 'Sign in' dialog box is displayed in the foreground. The dialog has a title bar with 'Sign in' and a close button. Below the title bar, the URL 'http://localhost' is shown. There are two input fields: 'Username' and 'Password'. The 'Username' field is currently empty and has a blue border. The 'Password' field is also empty. At the bottom of the dialog, there are two buttons: 'Cancel' and 'Sign in'. The 'Sign in' button is highlighted in blue.

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

```
<Directory /var/www/html/dir1>
    Allow from 127.186.10.10
</Directory>
```

Disable listing the directory content (hint use indexes) – give forbidden

```
<Directory /var/www/html/dir2>
    Options Indexes FollowSymLinks
    AllowOverride None
    Require all denied
</Directory>
```



## Forbidden

You don't have permission to access this resource.

---

*Apache/2.4.41 (Ubuntu) Server at localhost Port 80*

Change the default index page to be default.html instead of index.html

```
<IfModule dir_module /var/www/html>
    DirectoryIndex default.html
</IfModule>
```