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

```
[Eng.mahmoud@192 ~]$ sudo yum install httpd
Updating Subscription Management repositories.
Red Hat Enterprise Linux 8 for x86_64 - 6.3 kB/s | 4.5 kB    00:00
Red Hat Enterprise Linux 8 for x86_64 - 1.3 MB/s | 51 MB    00:39
Red Hat Enterprise Linux 8 for x86_64 - 4.1 kB/s | 4.1 kB    00:00
Dependencies resolved.
=====
Package      Arch  Version      Repository      Size
=====
Installing:
  httpd      x86_64 2.4.37-51.module+el8.7.0+16050+02173b8e
                                rhel-8-for-x86_64-appstream-rpms 1.4 M
Installing dependencies:
  apr      x86_64 1.6.3-12.el8 rhel-8-for-x86_64-appstream-rpms 130 k
  apr-util x86_64 1.6.1-6.el8  rhel-8-for-x86_64-appstream-rpms 105 k
```

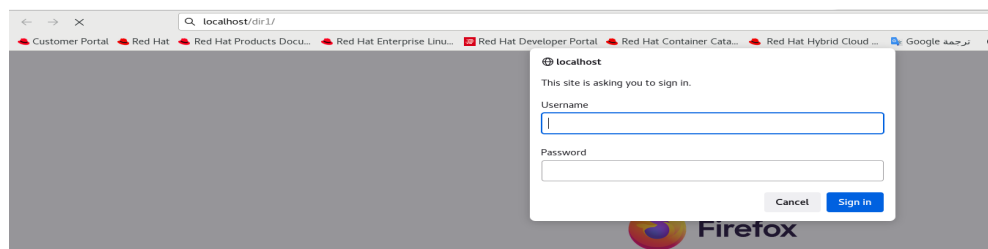
```
[Eng.mahmoud@192 html]$ sudo touch page1.html page2.html
```

```
#
```

```
Redirect /page1.html /page2.html
```

.Ask for username and password when accessing a directory

```
<Directory /var/www/html/dir1>
    authtype basic
    authname "Restricted Content"
    AuthUserFile /var/www/html/.htpasswd
    Require valid-user
</Directory>
```



```
[Eng.mahmoud@192 html]$ sudo htpasswd -c .htpasswd mahmoud
[sudo] password for Eng.mahmoud:
New password:
Re-type new password:
Adding password for user mahmoud
```

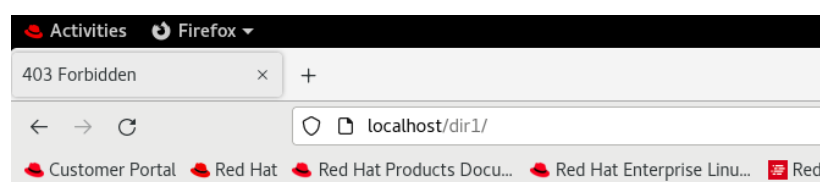
Create a directory then allow access to one of your .classmates only

```
<Directory /var/www/html/dir1>
    Order allow,deny
    Deny from all
    Allow from 192.168.1
</Directory>
```

Disable listing the directory content (hint use indexes)s

```
# For more information.
#
Options FollowSymLinks

#
```

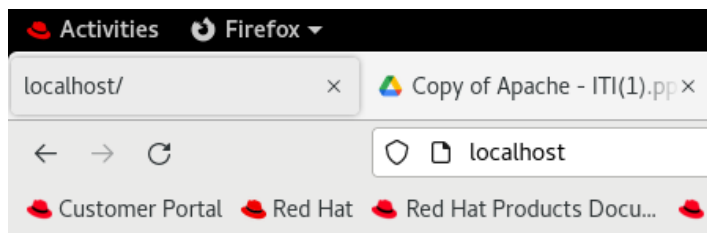


## Forbidden

You don't have permission to access this resource.

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

```
<IfModule dir_module>
    DirectoryIndex page1.html
</IfModule>
```



**this is page1**