

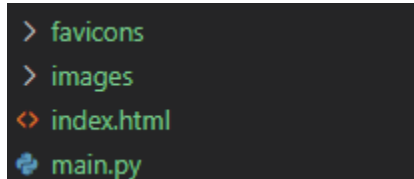
Demo

1. Start server

Command: `python main.py -root_document "/" -port 8090`

As we can see above, the file directory on my server is `"/`. If a file in it, my server will return it. Otherwise, my sever will return **404** error. Besides, if a file is in the other directory rather than the file directory `"/`, my server will return 403 error.

2. The structure of server



I have my server tested on the codespace of github which creates a new address in my browser that is equivalent to `http://localhost:port/`

3. Homepage

`http://localhost:8090/`



Fig 1 homepage

`http://localhost:8090/index.html`

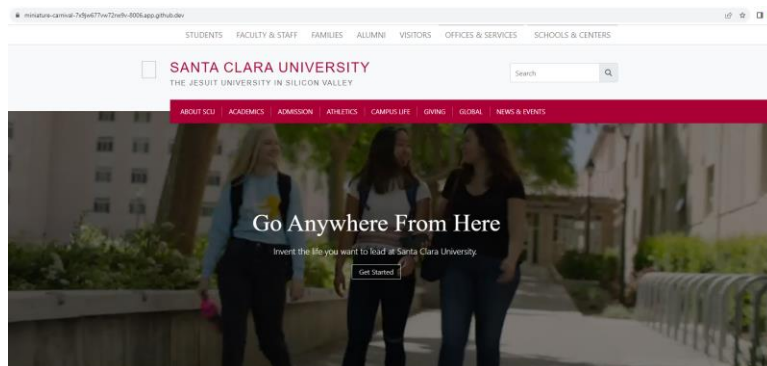
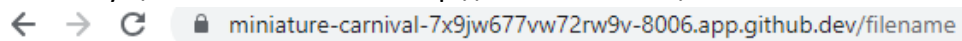


Fig 2. homepage

4. 400 error page

To get this kind of error, we need to visit a file that does not exist under the file directory “/”. Here is the link: <http://localhost:8090/filename>

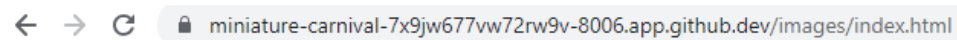


404 Not Found

Fig 1. 404 error

5. 403 error page

To get this kind of error, we need to visit a file that exist under other file directory rather than the directory “/”. Here is the link: <http://localhost:8090/filename>



403 Forbidden

Fig 2. 403 error