Programming Assignment – PA1

COEN 317 – Distributed Systems

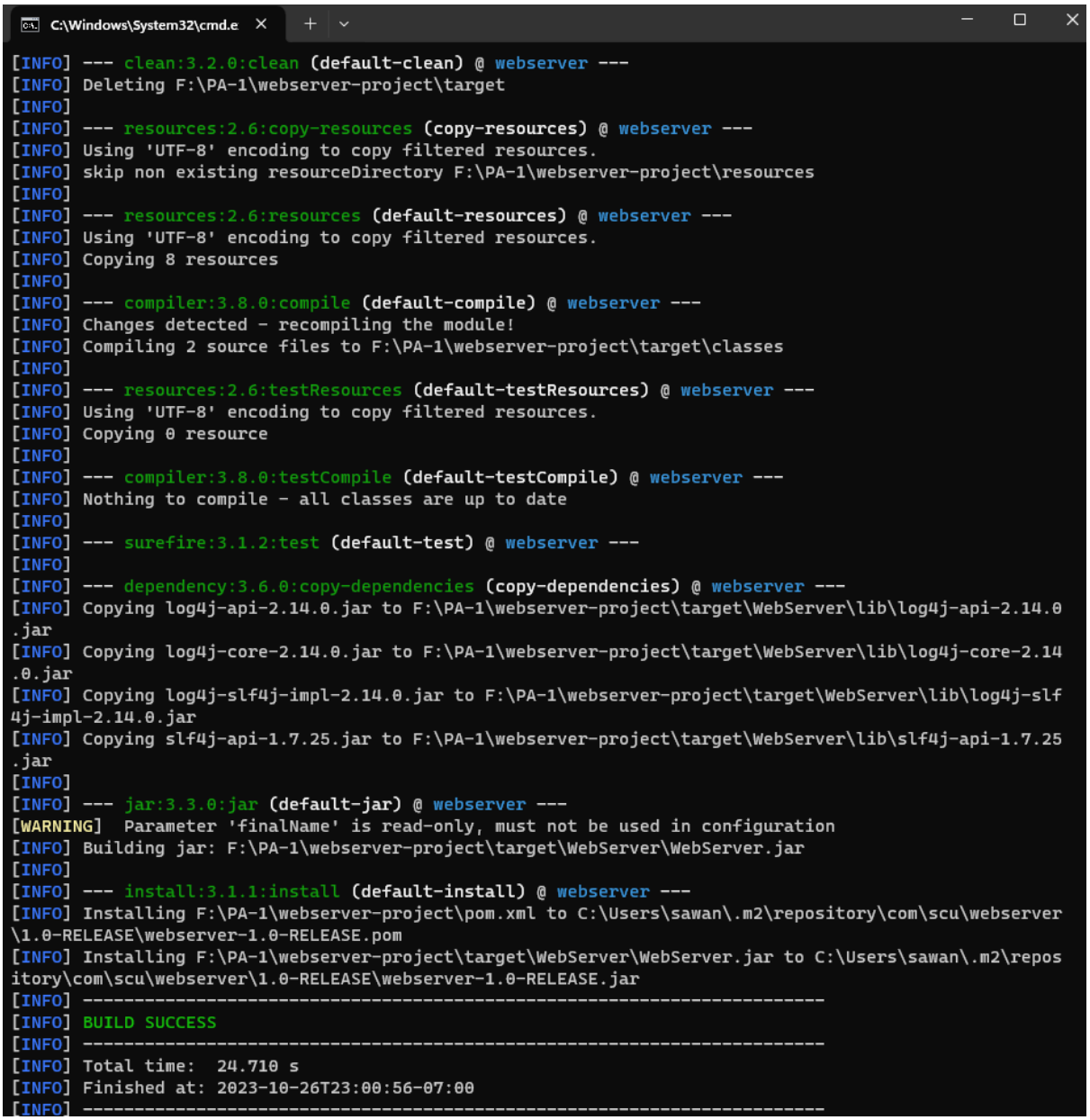
Sawan Chakraborty

SCU ID -W1653472

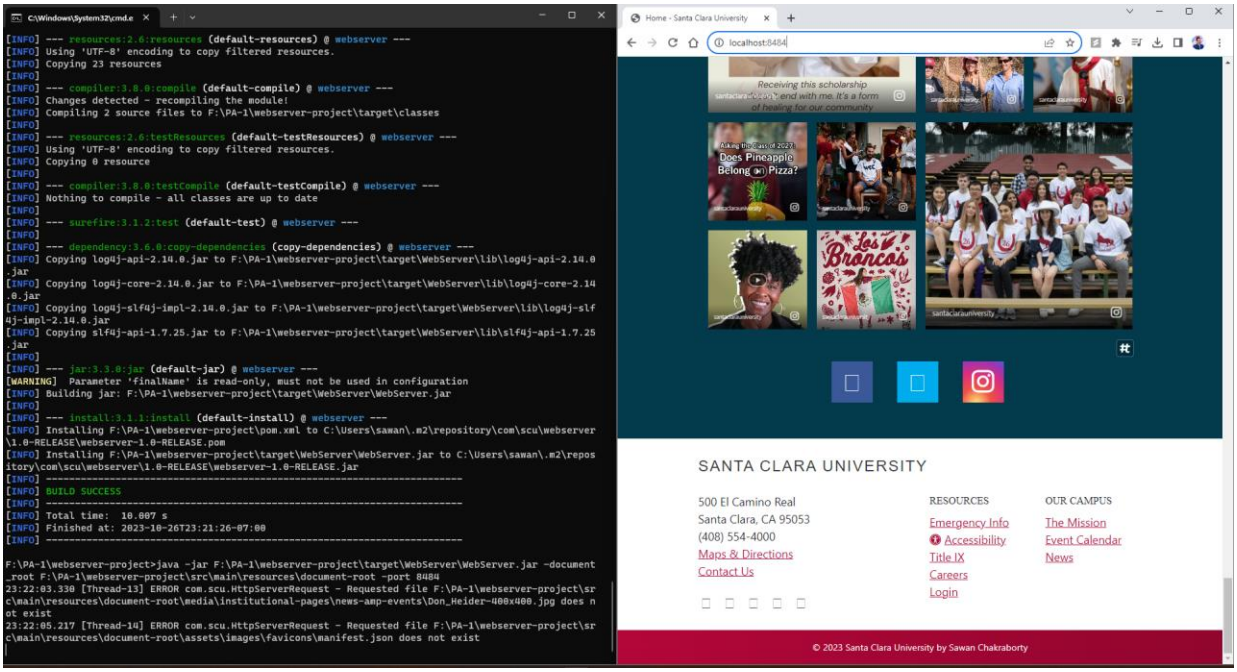
Screenshots:

- We are using port number : 8484

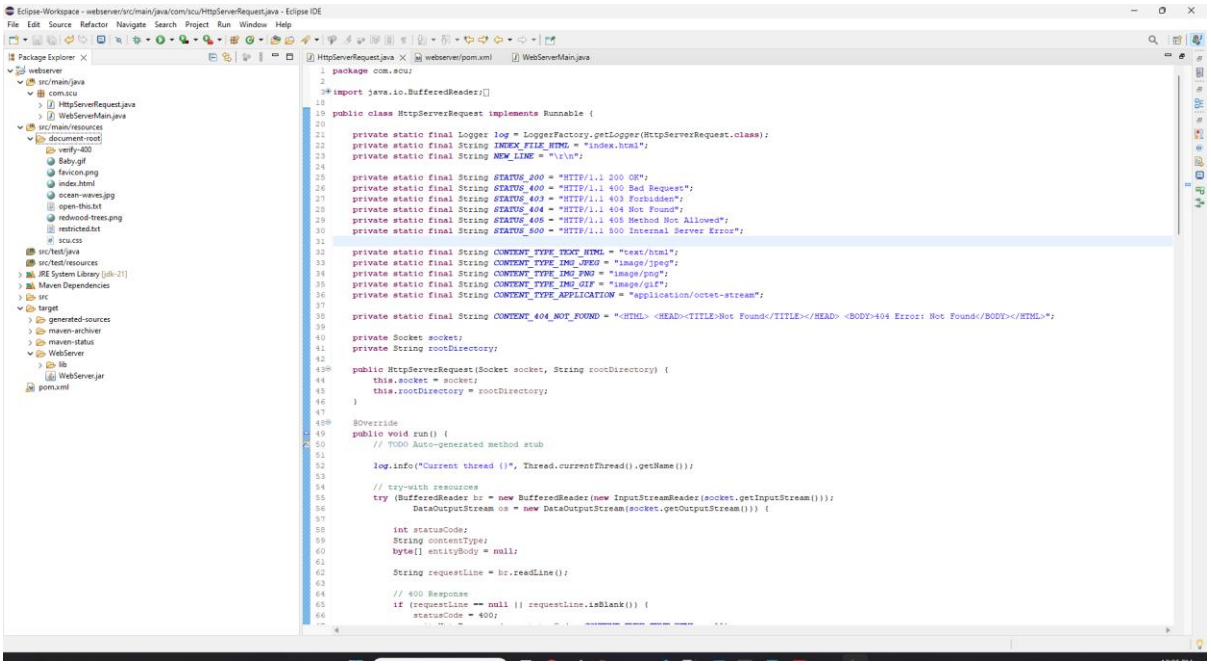
1. mvn clean install

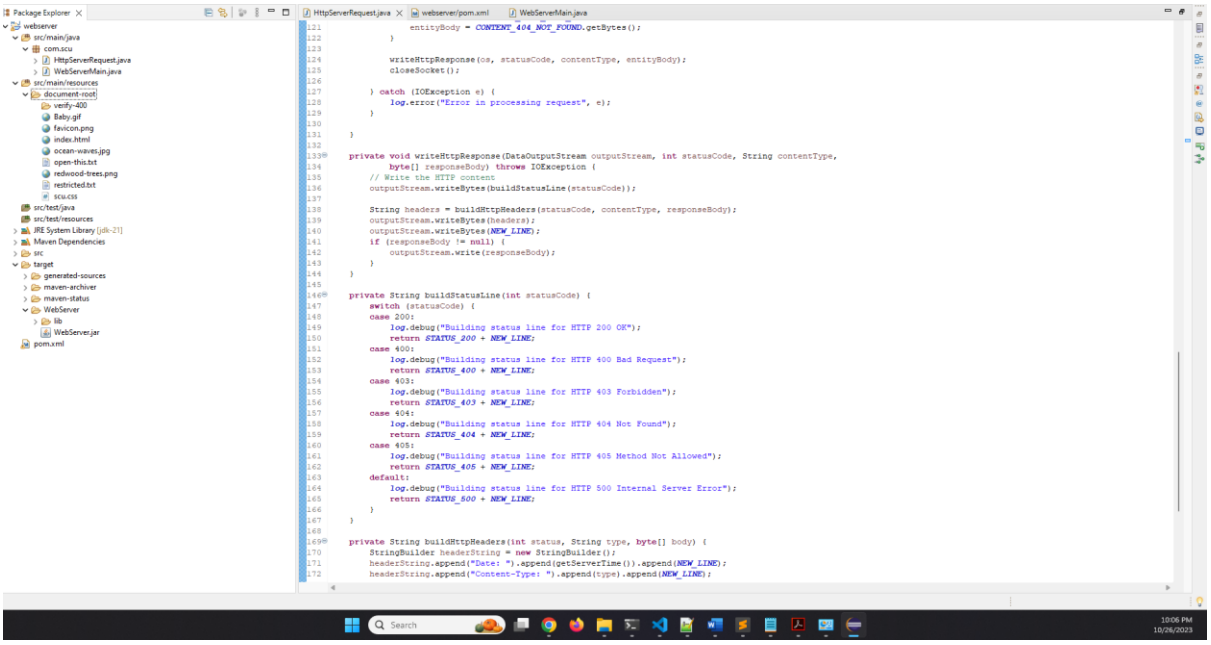


2. Running the java -jar

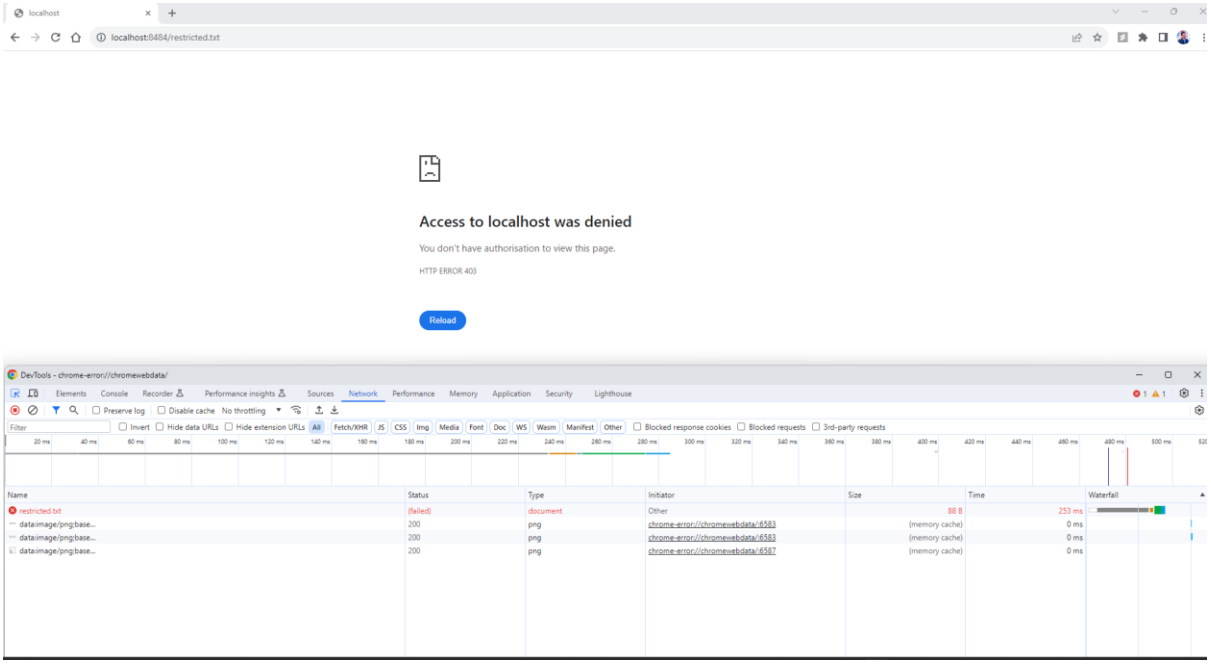


3. Http version used v1.1

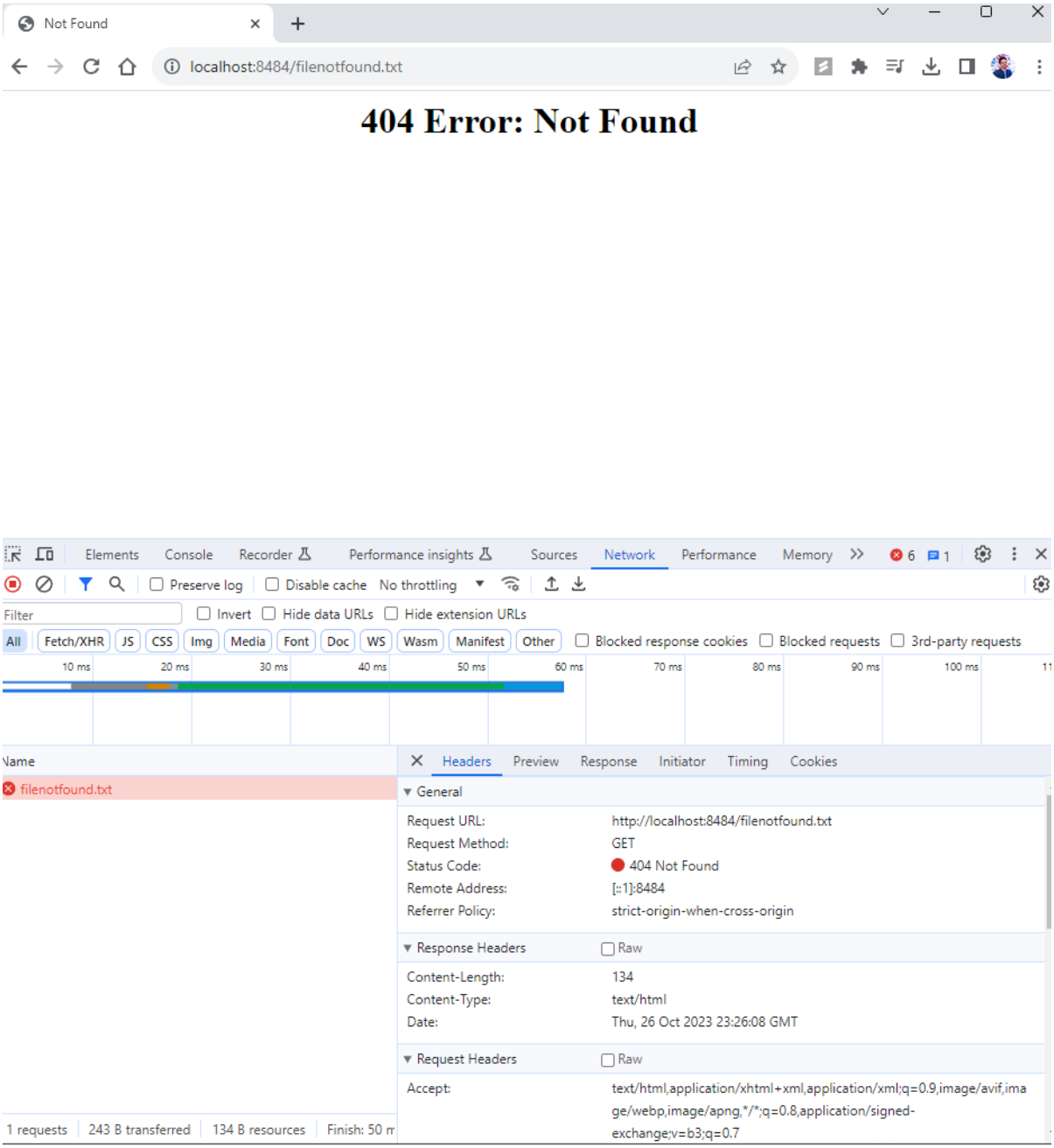




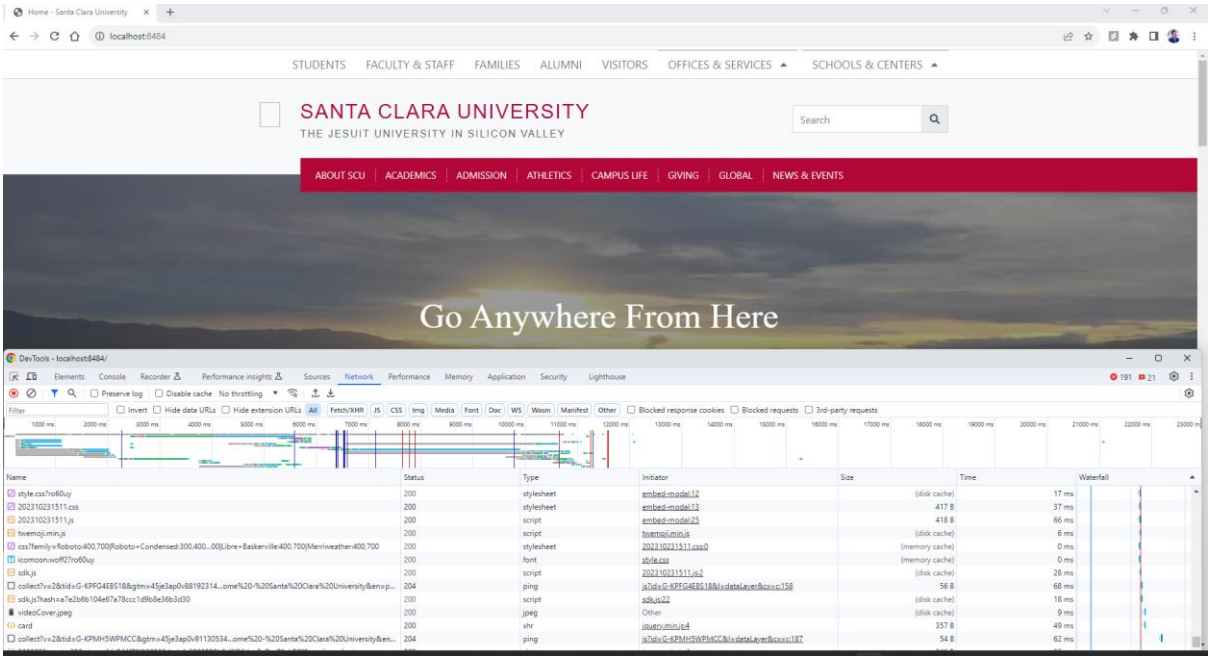
4. Handling Request Codes
    a. 403 - Forbidden. URL: localhost:8484/restricted.txt



    b. 404 – File Not Found
    URL: localhost:8484/filenotfound.txt

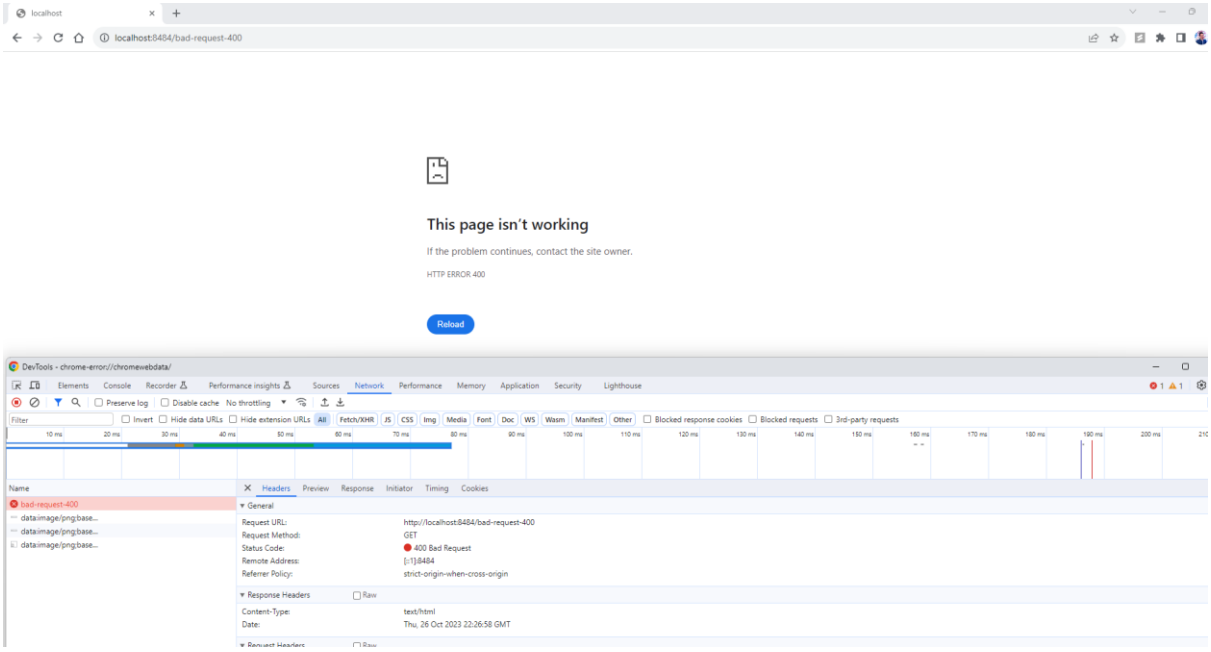


c. 200 – ok
URL: localhost:8484

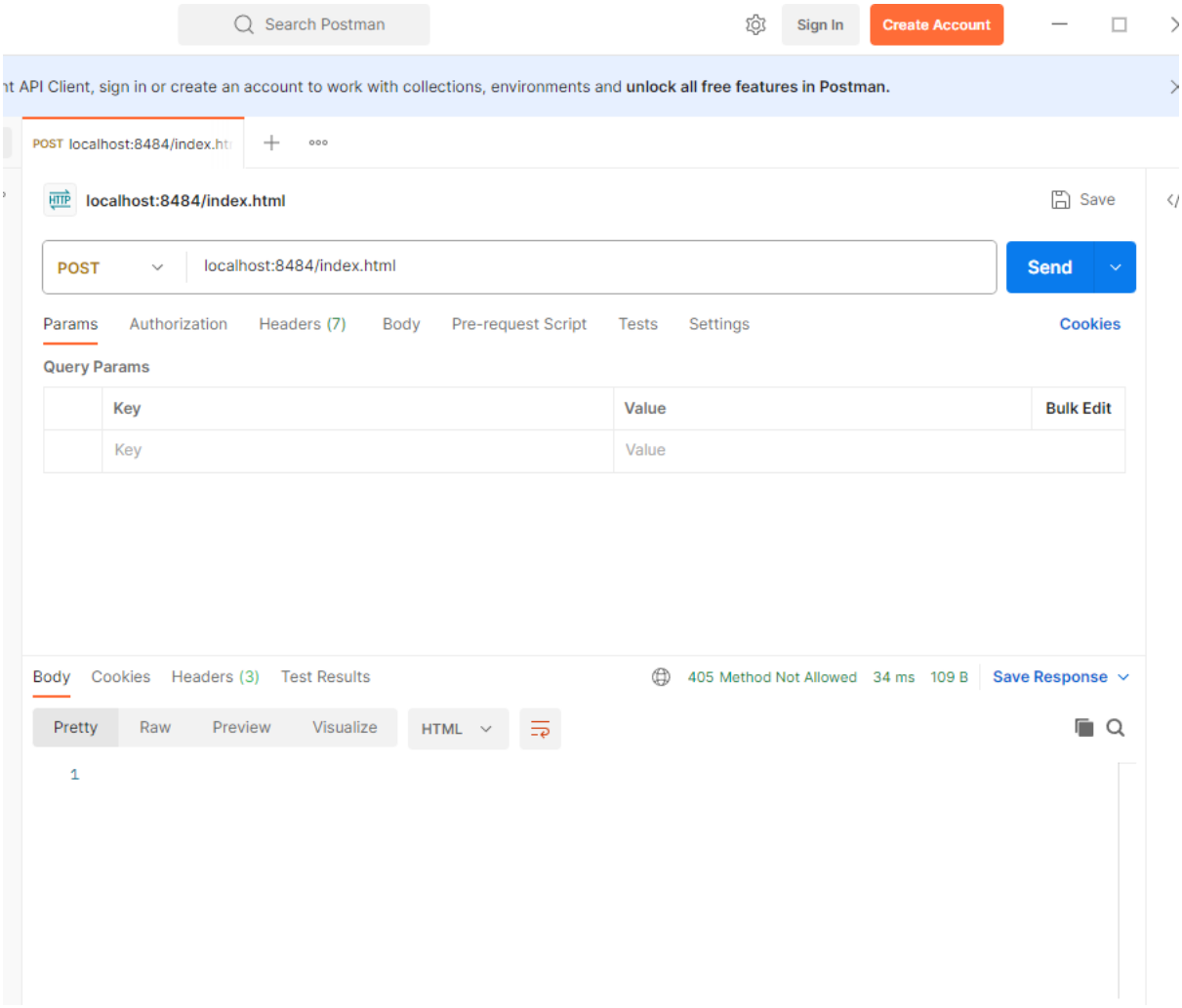


d. 400 – Bad Request

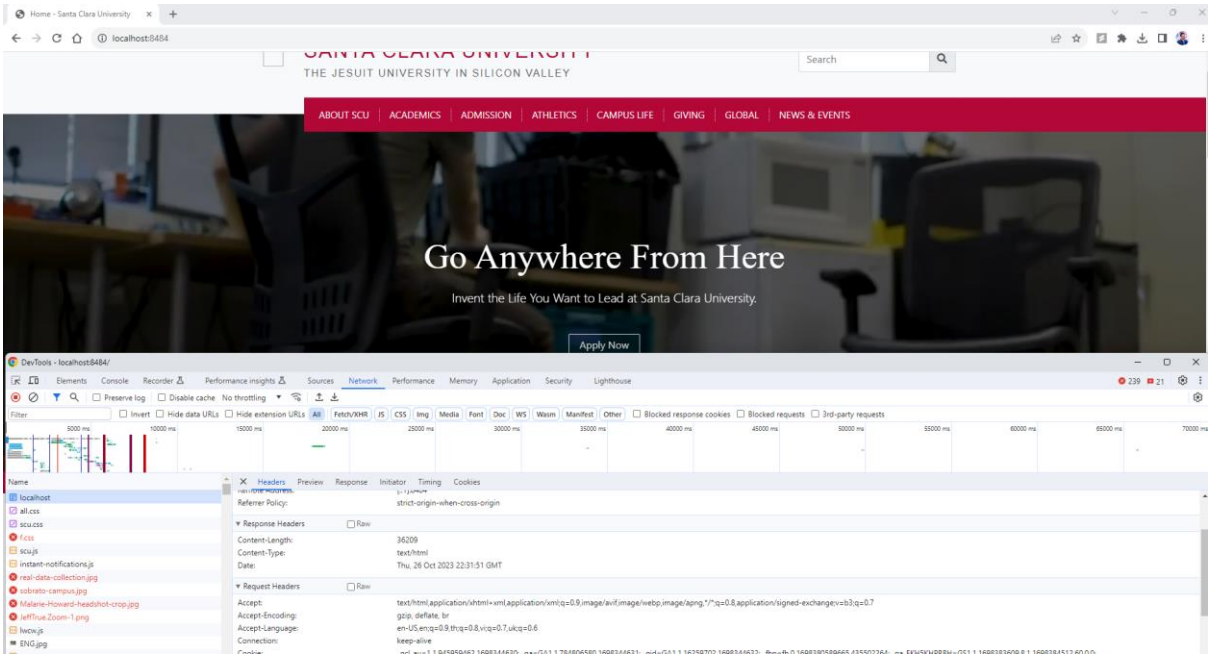
URL: localhost:8484/bad-request-400



e. 405 – Method Not Allowed

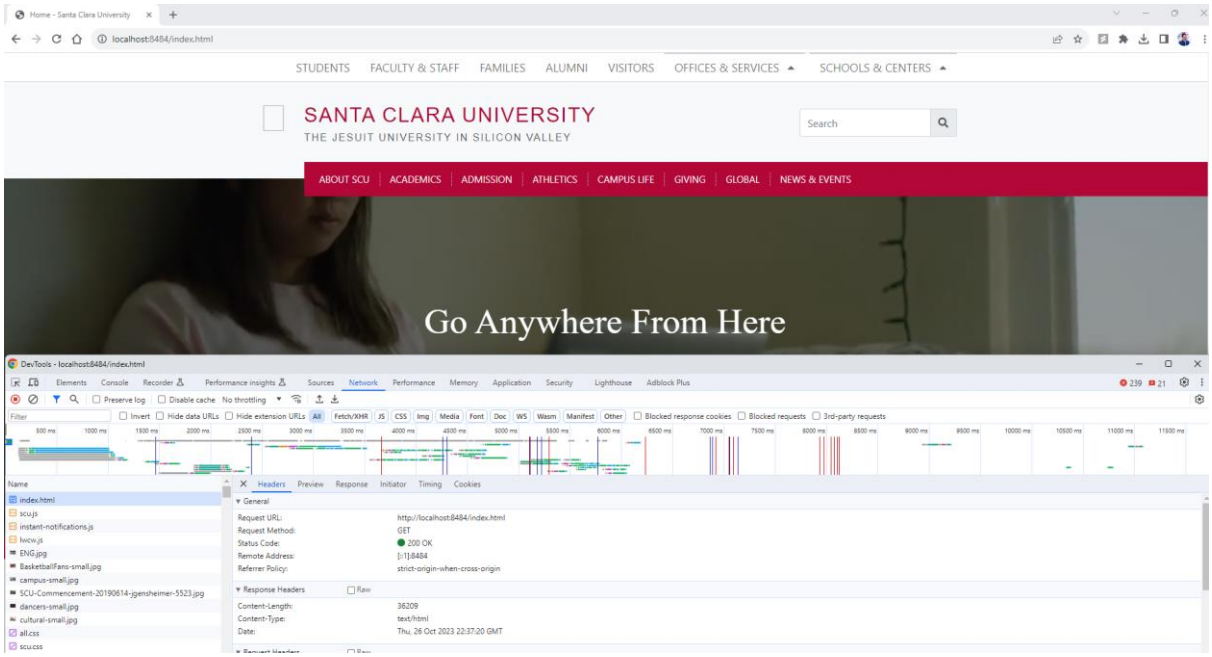


5. Handling Headers – content-type, content-length and Date headers are supported.
   URL: localhost:8484



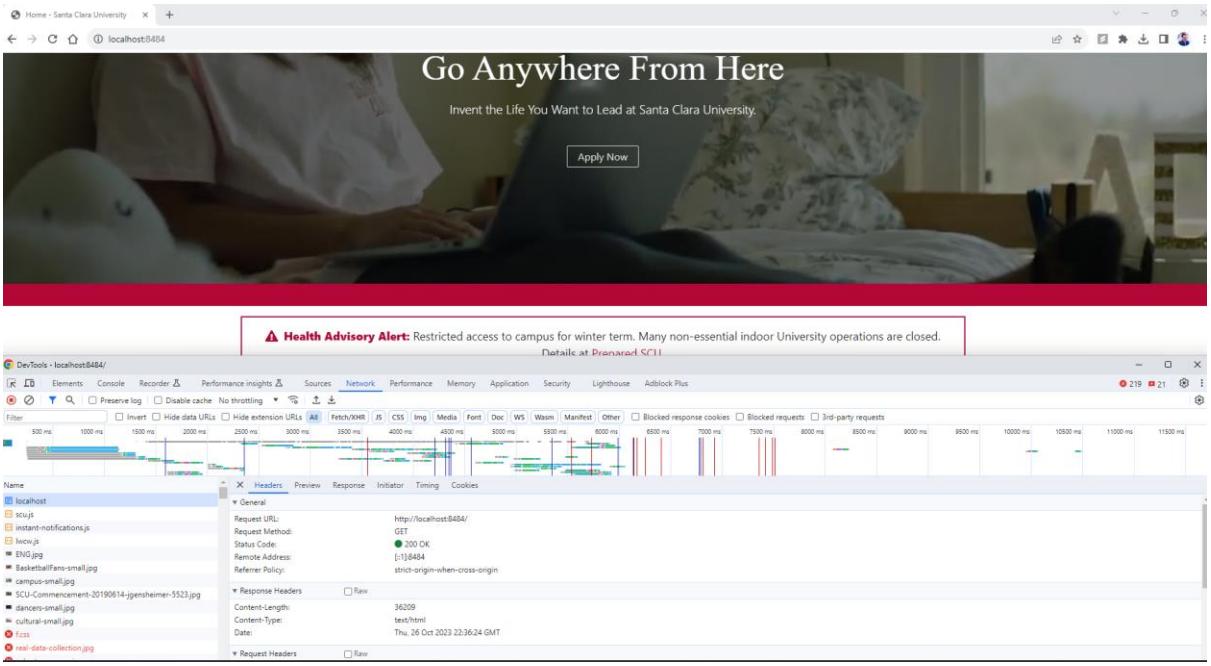
6. Handling File types
    a. Handle index.html when present in the URL

        URL : localhost:8484/index.html



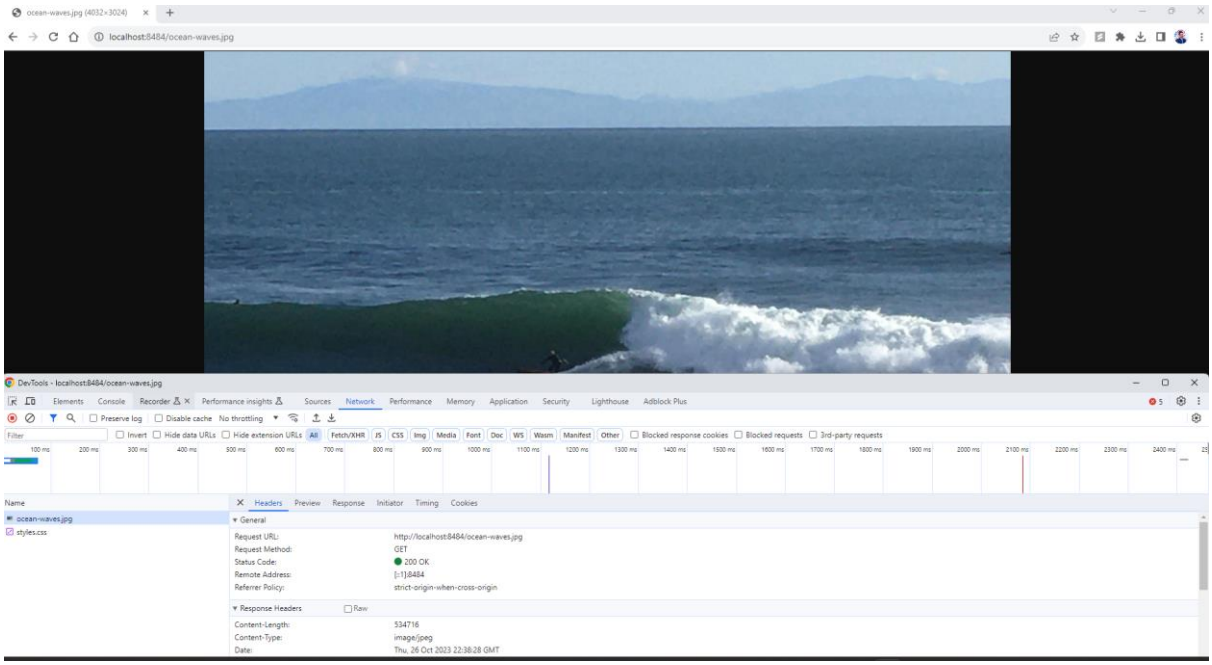
    b. Handle index.html when its not present in the URL

        URL: localhost:8484



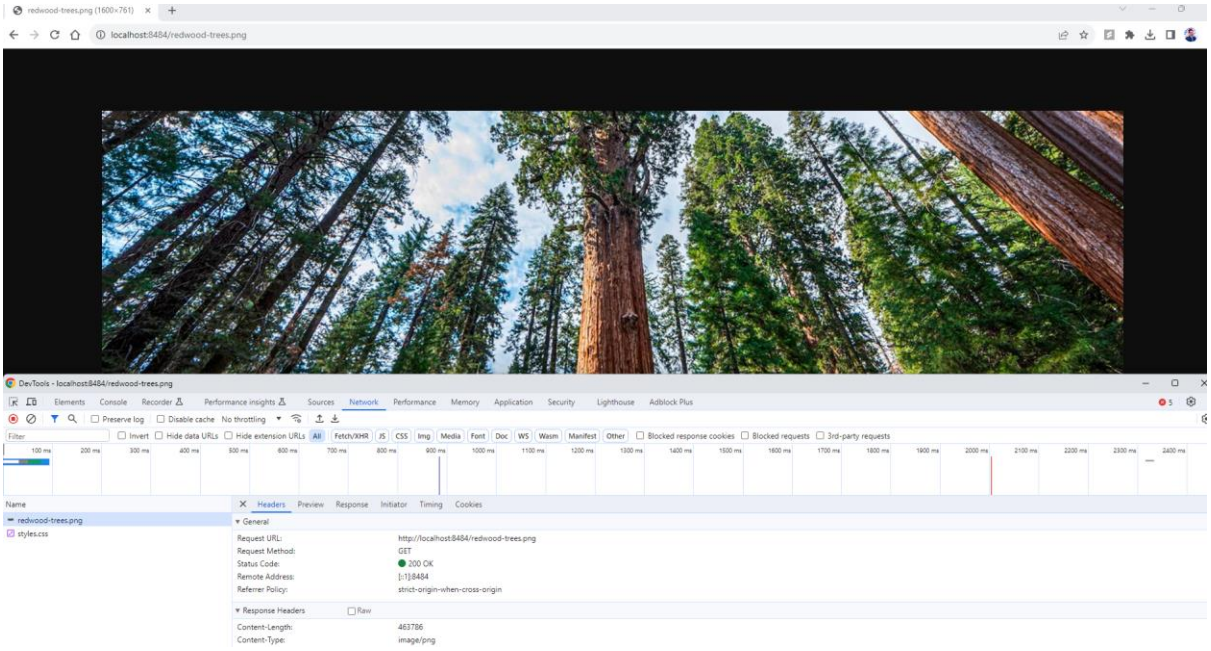
c. Handle other file types such a .gif, .txt and .jpg

i. Handling .jpg file & URL: **localhost:8484/ocean-waves.jpg**

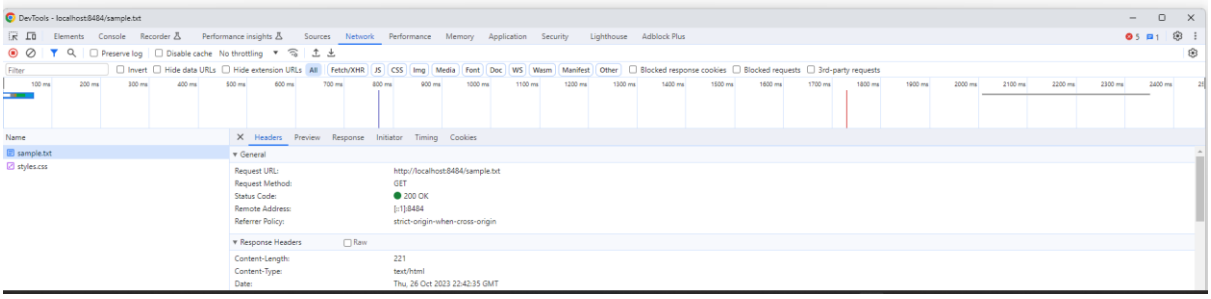


ii. Handling .png file

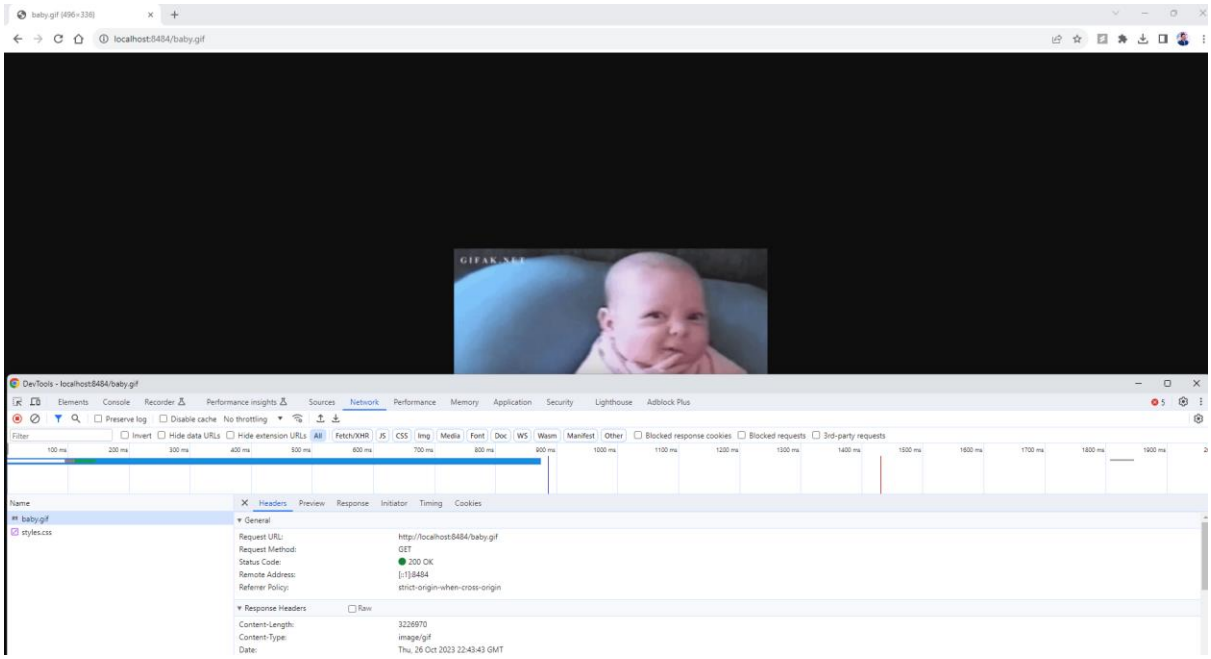
URL: localhost:8484/redwood-trees.png



iii. Handling .txt file & URL: **localhost:8484/sample.txt**



iv. Handling .gif file
URL: localhost:8484/baby.gif


baby.gif (496×336)
localhost:8484/baby.gif
GIFAK.NET

DevTools - localhost:8484/baby.gif
Elements
Console
Recorder
Performance insights
Sources
Network
Performance
Memory
Application
Security
Lighthouse
Adblock Plus
Preserve log
Disable cache
No throttling
Filter
Invert
Hide data URLs
Hide extension URLs
All
Fetch/XHR
JS
CSS
Img
Media
Font
Doc
WS
Wasm
Manifest
Other
Blocked response cookies
Blocked requests
3rd-party requests
Name
baby.gif
styles.css
Headers
Preview
Response
Initiator
Timing
Cookies
General
Request URL:
http://localhost:8484/baby.gif
Request Method:
GET
Status Code:
200 OK
Remote Address:
[::1]:8484
Referrer Policy:
strict-origin-when-cross-origin
Response Headers
Raw
Content-Length:
3226970
Content-Type:
image/gif
Date:
Thu, 26 Oct 2023 22:43:43 GMT