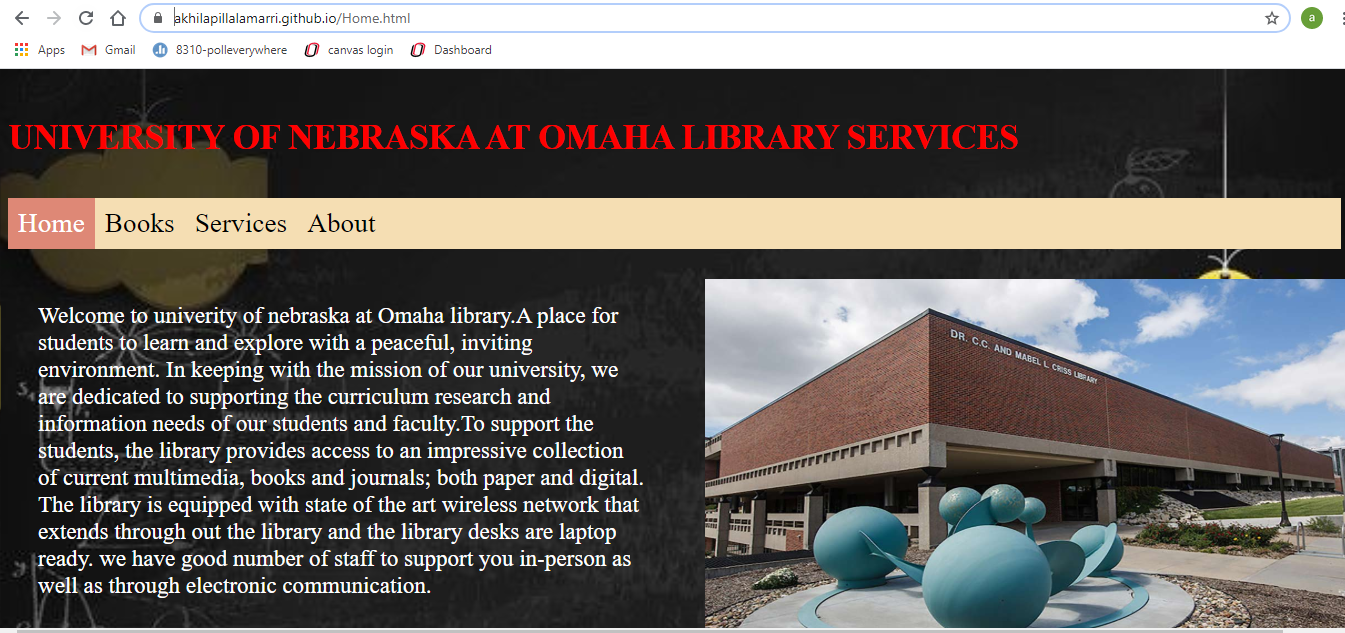
**ISQA 4900 Activity 2:**

WebsiteLink:<https://akhilapillalamarri.github.io/>

Created a website taking the reference of the UNO campus library. The created Website has four tabs of Home Page, Books Tab, Services and About tabs.

Below is the screenshot of the home page.



The Books tab consists of the books related to majors and the authors.



Services tab provide the information and standards for the Uno members. And a variety of services that a library can provide



About Pages tells about the library routes, closing and opening timings.



**Q. What is the value of having a CSS file for each html page? Why not simply embed the CSS in each web page?**

CSS reduces the amount of work, it also helps to control multiple web pages all at once. If we embed CSS in each web page, it increases the work and time for the developer. It also helps to copy the same content across multiple web pages.

1)if we have multiple HTML files with same style, single CSS file would help to reduce the code at development level.  
  
2) If there are multiple CSS files, it increases the page load and effects on the response time of the server and also increase the development work.  
  
3) if the browser uses Cache, there is no need to reload the .CSS file each and every time.  
  
e.g if we have 100 HTML pages, it is really time taking to style the contents into each and every page. if we have a single CSS file instead, it will increase performance at the server level and also reduces work load.  
  
  
**Q.** **There are many cloud-based shared document tools such as DropBox, Box, Microsoft OneDrive and GoogleDrive. What is an advantage of using a tool like Git (GitHub Desktop) and GitHub over simply using other cloud-based shared document tools to manage code?**

1) In GitHub,we can store our contents into cloud storage, where we can share, publish, edit our contents into cloud using centralized code repository.  
2) It also provides version control, saves code and also saves the commits of every change in the iteration.  
3) Any one in the Git community can view our code and suggest improvements or new changes.  
4) In Github we can save different types of files like HTML, PYTHON, JAVA etc. It provides connectivity or code sharing capability to various automation tools like Azure Devops, AWS etc.  
5) GITHUB has better connectivity all cloud based repositories. It helps to collaborate a repository from any almost any cloud without restriction.  
6) Easy to merge our code with cloud without any retention period, with drop box you cannot go back to changes committed before 30 days ago.