

Fundamentals of CSS

Internet Programming I: Lab IV



Addis Ababa Science and Technology University
Department of Software Engineering

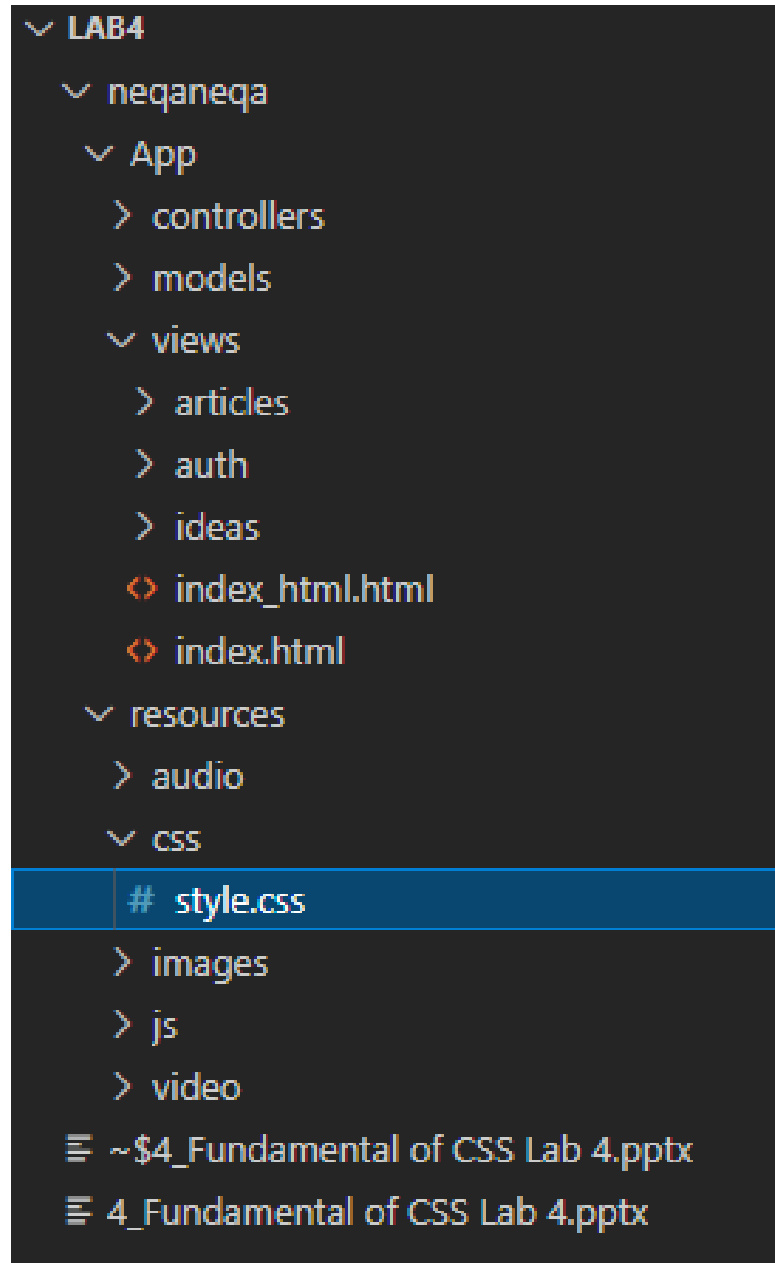
Purpose of This Lab



- The purpose of this lab is to:
 - Practice HTML styling using CSS, such as:
 - CSS Syntax
 - Different options to add CSS
 - CSS selectors
 - CSS box model
 - Add features into your course project
- **Before this Lab !!**
 - Be familiar with HTML Elements discussed on previous lessons in Chapter 2
 - This practical session is a continuation of previous practices, so refer back if it's necessary
 - You need also the materials and your work on previous lab too

Document Organization

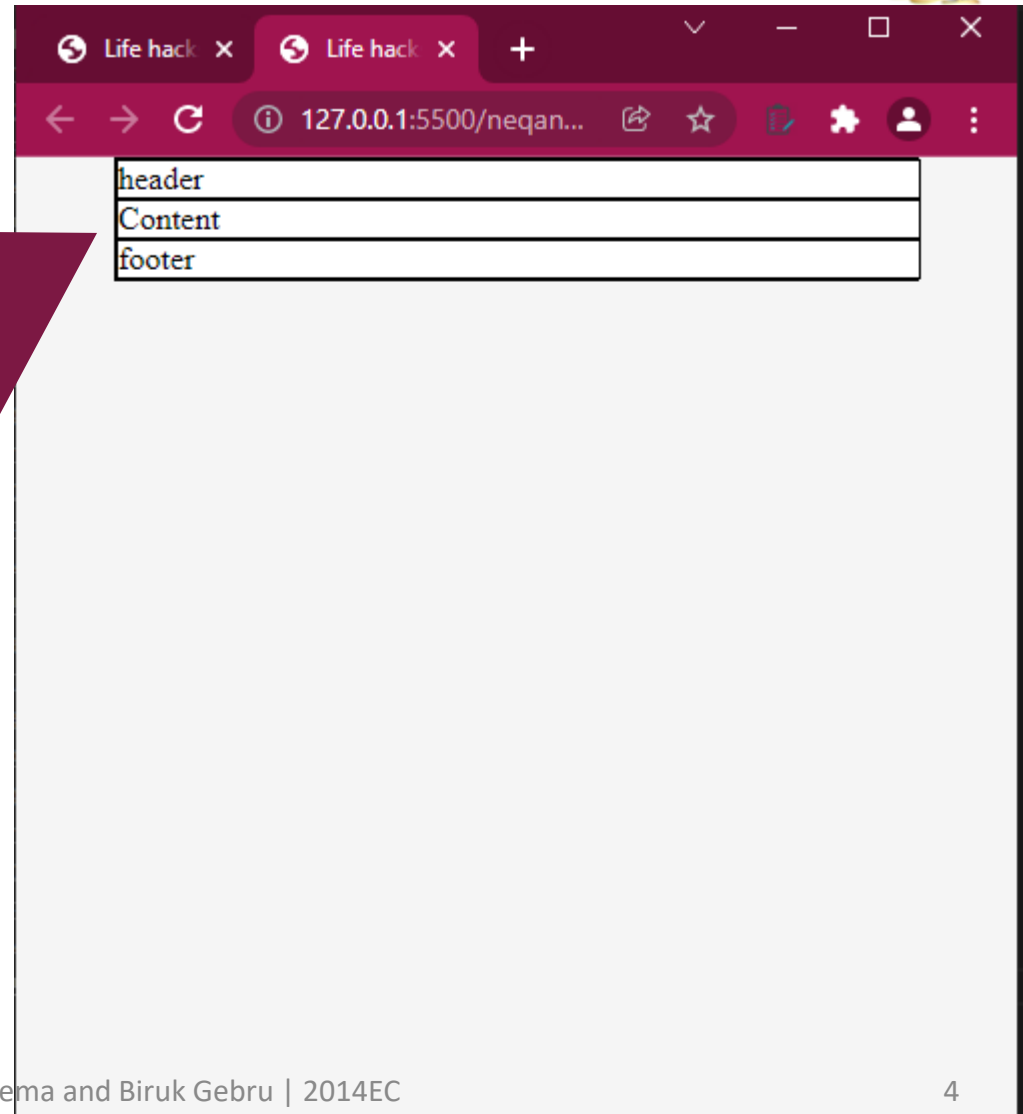
- a. Create CSS file under your previous working directory
E.g.
neqanea/resources/css/style.css
- b. Create html file
E.g.
neqanea/App/views/index.html
- c. Include the CSS file into index.html file



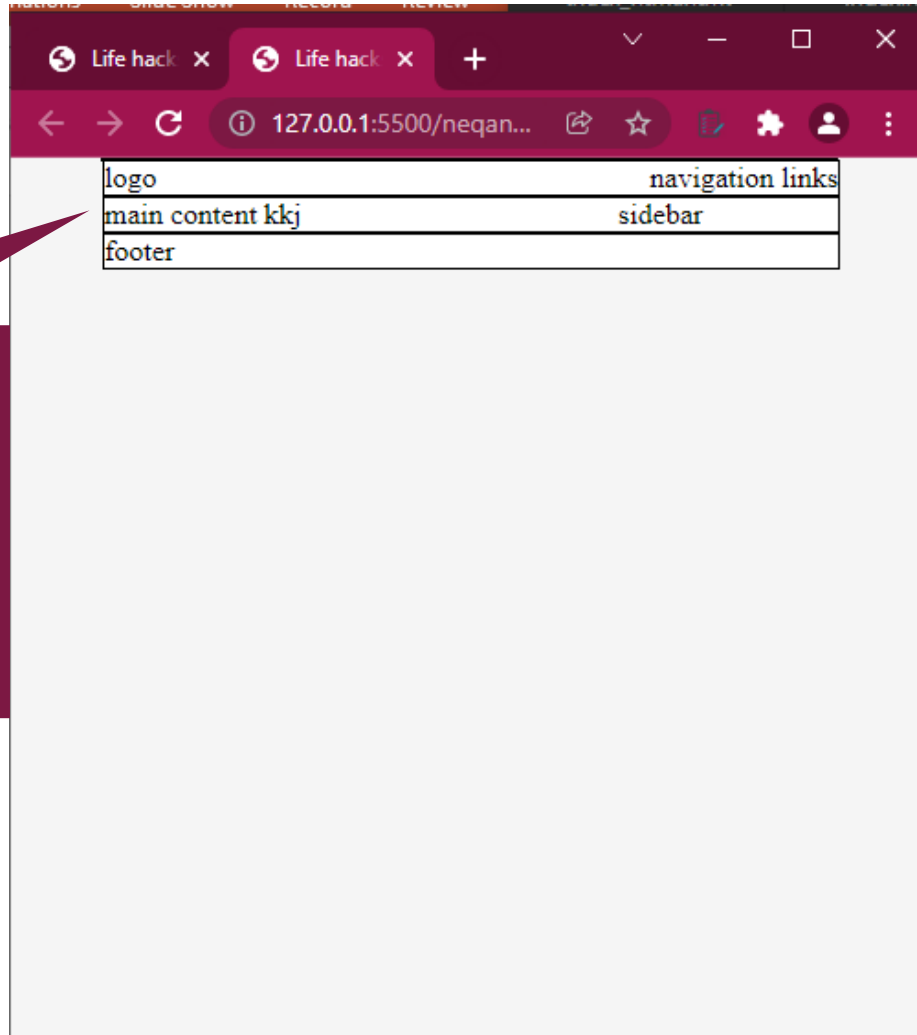
Basic Layout



- Body background color:
 - `rgb(245, 245, 245)`
- Default color for `h1`, `h2`, `h3`, `h4`, `h5`, `h6`
 - `Rgb (33,33,33)`
- Default color for `p`
 - `Rgb (70, 70, 70)`
- Create wrapper box, Give it background color -> white
- Under wrapper box create 3 boxes for the header, content, and footer
- To visualize you can add border for each until you get familiar with the layout



Basic Layout cont'd



- Divide the header box into band and navigation sections
- Divide the content box into main content and sidebar section



ERIC HOFFER AND THE POWER OF EDUCATION



I recently read *The True Believer* by Eric Hoffer. It's a book about how many historical examples, the book explains the patterns and common threads among them. Reading it was a great learning experience for me.

- Remove all borders add for development purpose
- Add margin among header, content and footer sections
- Add necessary padding for each box as shown in the screen shot
- Modify the navigation bar as shown above also include mouse over effect
- Increase the space between paragraphs
- All headings must be capitalized by default
- Logo attributes must be added inside the CSS file

Working on Your Project



- Apply everything you know on your course project