Lab Assignment 1 – 2

[Total Marks: 100]

Instructor: Mohammad Kiani
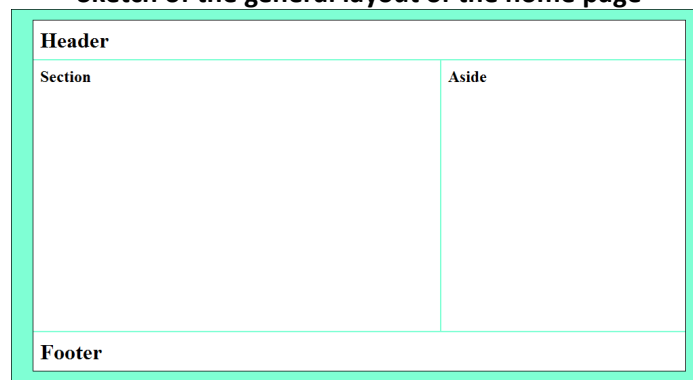**Evaluation:** 5%
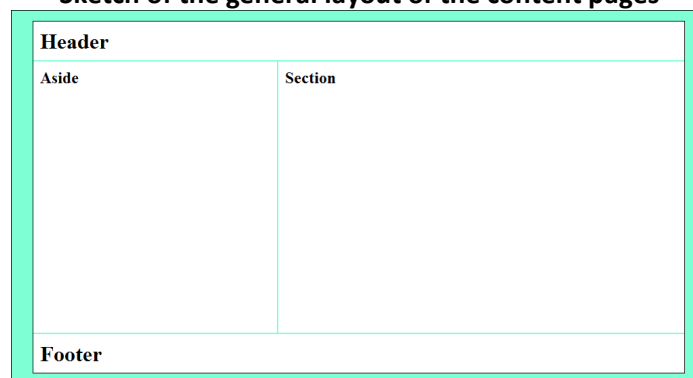

Personal blog

Lab Assignment 1

Instruction

For this assignment, you are supposed to develop a web site that consists of a home page and two or more other pages, all with a header, two columns, and a footer. Note, however, that the home page and the content pages have different page layouts. The web site should have a topic (theme) of your choosing. You are supposed to create a personal blog that contains your personal information (name, education, work experience, …).

Sketch of the general layout of the home page

Sketch of the general layout of the content pages

Page layout
- Each page should have a fixed width and be centered in the browser window.
- The header for each page should include a web site title and a tag line, but a logo image is optional.
- You don't have to use borders for any of the components of a page. The sketches above are just intended to show you what the components of the pages should be.

Page contents
- The main section for the home page should include an image, a table and text.
- The home page should include an unordered or ordered list. This list can be in the main section or the aside.
- The aside for the home page should include at least two links to other pages. The aside for the other pages should include at least a link back to the home page.
- Beyond these minimal specifications, you are free to present your content in whatever way you think works the best. For instance, you can have links, images, and content in both the main sections and asides.

CSS files
- You should use one CSS file named main.css for the home page and another CSS file named content.css for the other pages.

On top of individual features for each page, the following features must be present on the web site and will have a heavier weight in marking:

1. **Multiple images, image links and image rollover**
2. **Navigation bar on all the pages**
3. **Table that has multiple rowspans and colspans and various CSS formatting**
   3.1. You have not yet learnt this, but you can give it a try
4. **Ordered and unordered lists**
5. **Proper formatting of the content of the web site using CSS**

Submission Instruction:

- Your project name should be as follows:
  - myBlog_*firstName_studentID*
- Create a zip folder of your whole project and submit it to submission drop box in Moodle
- Provide your GitHub repository link in the "Online text submission" section
- **No submission is accepted in the comment section**

The three pages that follow illustrate an acceptable implementation of the page layout described in lab test requirements above. You can use these pages to give you an idea of what you can do as you develop your own project.

Home page

Features

- Various heading levels and fonts
- Text with floated image in section
- 2-column layout with right sidebar
- List with links in sidebar
- Navigation bar
- Gradient in header and footer (optional)

Content page 1

Features

- 2-column layout with left sidebar
- List with image links in sidebar
- 2-column article in section
- Figure with image and caption floated to left of article text

Content page 2

Features

- You are free to choose the content of this page, you can think of the following options:
  - Carousel (or list of three images)
  - Link to audio file
  - Link to PDF file

Lab Assignment 2

Make the website you created for lab assignment 1 responsive. For this purpose, you are supposed to add media queries to your project so that you can see the website properly in a mobile and tablet viewport size.

Grading Rubric

Marking Scheme for each part:
Marking of the assignment will be done according to the following scheme:

Specification [70%]: This includes all the requirements specified above. Assignment will be considered for complete marks only if all the specifications are properly implemented. Partial implementation does not get awarded any marks.

Navigation [15%]: This rubric includes marks for user interface interaction component. The easier it is for the user to navigate the app the higher the mark is. This is somewhat subjective aspect of awarding a mark but for this assignment good design practices covered in class will be used.

Design [15%]: This rubric focuses on overall design of the app which includes graphical user interface, images, polished look and proper file organization used for the app.

Deductions:
1. Late submissions = -10% after the due time but on the very same day, -20% for each calendar day. No submission accepted after 2 calendar days.
2. Student names and ids are missing = -10%
3. Academic dishonesty = 0 marks
4. Did not follow the provided instruction for submission = -2