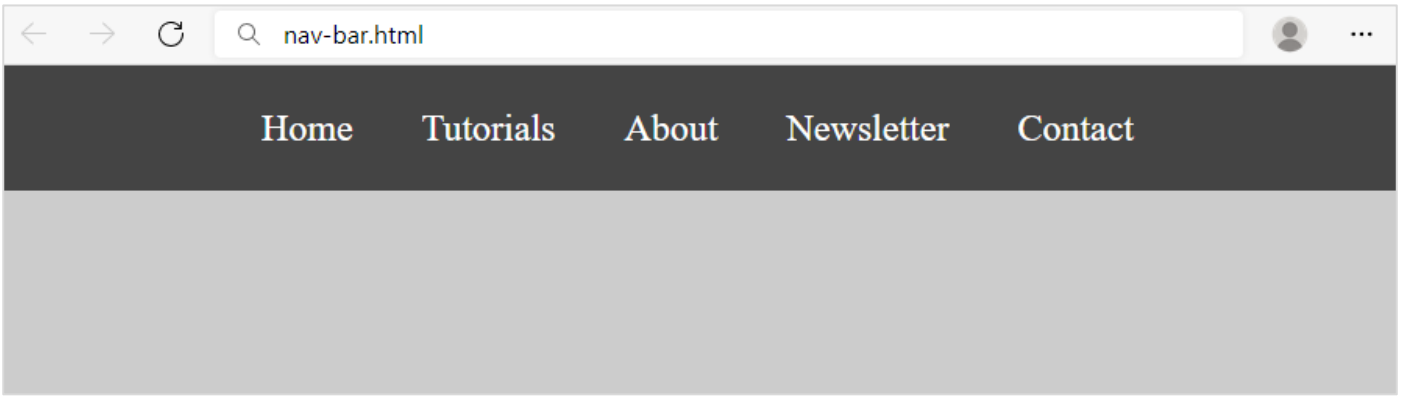
Exercise: HTML Structure

You can check your solutions here: https://judge.softuni.org/Contests/3331/HTML-Structure.

1. Navigation Bar

Create a Web page, holding like the following navigation bar:



Use the texts from the file **`site-texts.txt`**.

Create two files: **`nav-bar.html`** and **`nav-bar.css`**.

Constraints

- **`<body>`**
  - Margin: **`0px;`**
  - Padding: **`0px;`**
  - Background Color: **`#CCCCCC;`**
- **`<nav>`** tag as container
- **`<ul>`** tag for unordered list
  - Background Color: **`#444;`**
  - Center the text
  - Padding: **`0px;`**
  - Margin: **`0px;`**
  - **`list-style:none;`**
- **`<li>`** tag for list item
  - Text size: **`24px;`**
  - Line Height: **`40px;`**
  - Height: **`40px;`**
  - Padding: **`20px;`**
- **`<a>`** tag for hyperlink
  - **`text-decoration: none;`**
  - Text-Color: **`#ffffff;`**

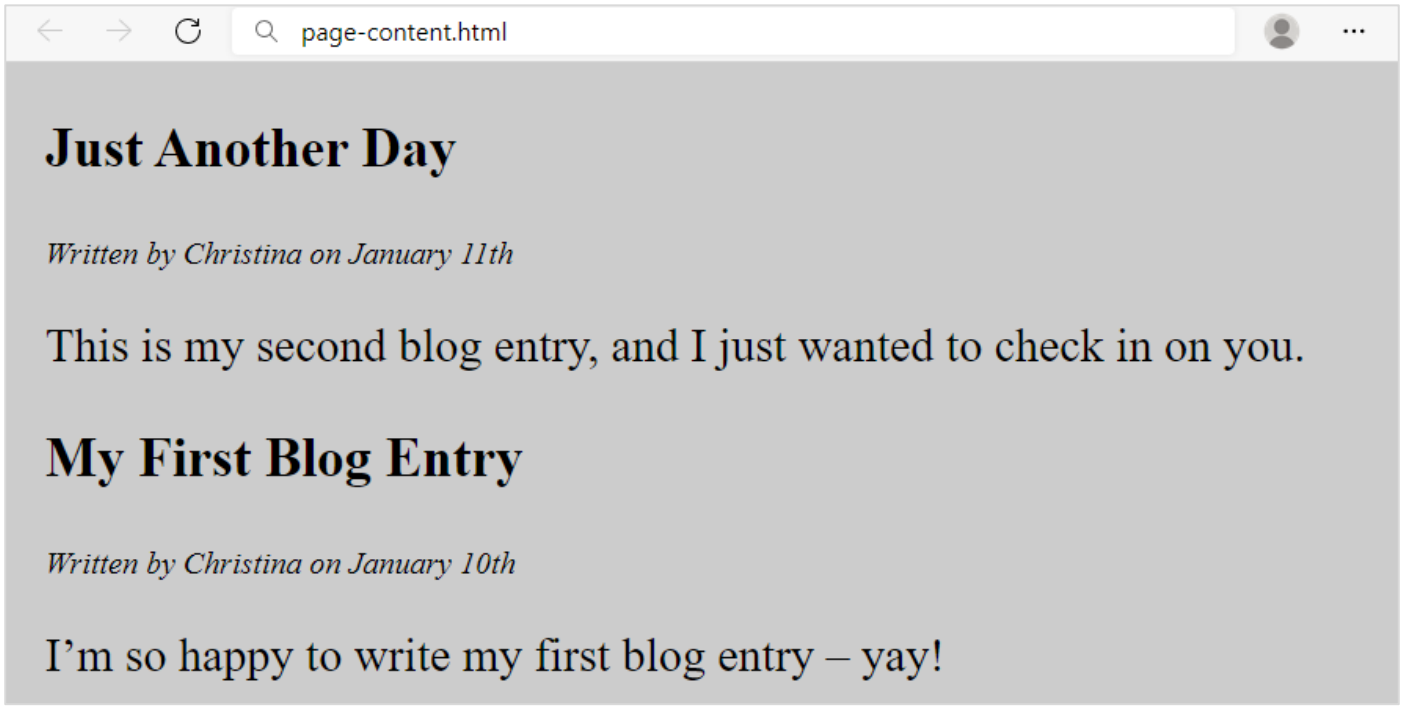
Hints

Use:

- **`<li>`** with **`display: inline-block;`**

2. Page Content

Create a Web page like the show below, using the text from the file **`site-texts.txt`**.



Create two files: **`page-content.html`** and **`page-content.css`**.

Constraints

- **`<section>`** as a container
- **`<article>`** tag for content
  - **`<header>`** with:
    - **`<h1>`** Text size: **`28px;`**
    - **`<p>`** Font Style: **`italic;`**
- `Paragraph`
  - Text size: **`24px;`**
- **`<body>`**
  - Margin: **`0px;`**
  - Padding: **`0px;`**
  - Background color: **`#CCCCCC;`**
- **`<section>`**
  - Margin Left: **`20px;`**

3. Semantic Tags

Create a web page like the following:

Use the texts from the file **`site-texts.txt`**.

Create files: **`index.html`** and **`styles.css`**.

Constraints

HTML:

- The title should be "**Semantic Tags**"
- Add **`header`** tag for the header section
  - Use **`h1`** tag for the heading
- Add **`main`** tag for the main content
  - Create two paragraphs inside (**`p`** tag)
- Use **`footer`** tag for the last section
  - Create two paragraphs inside (**`p`** tag)

The CSS in the example above uses:

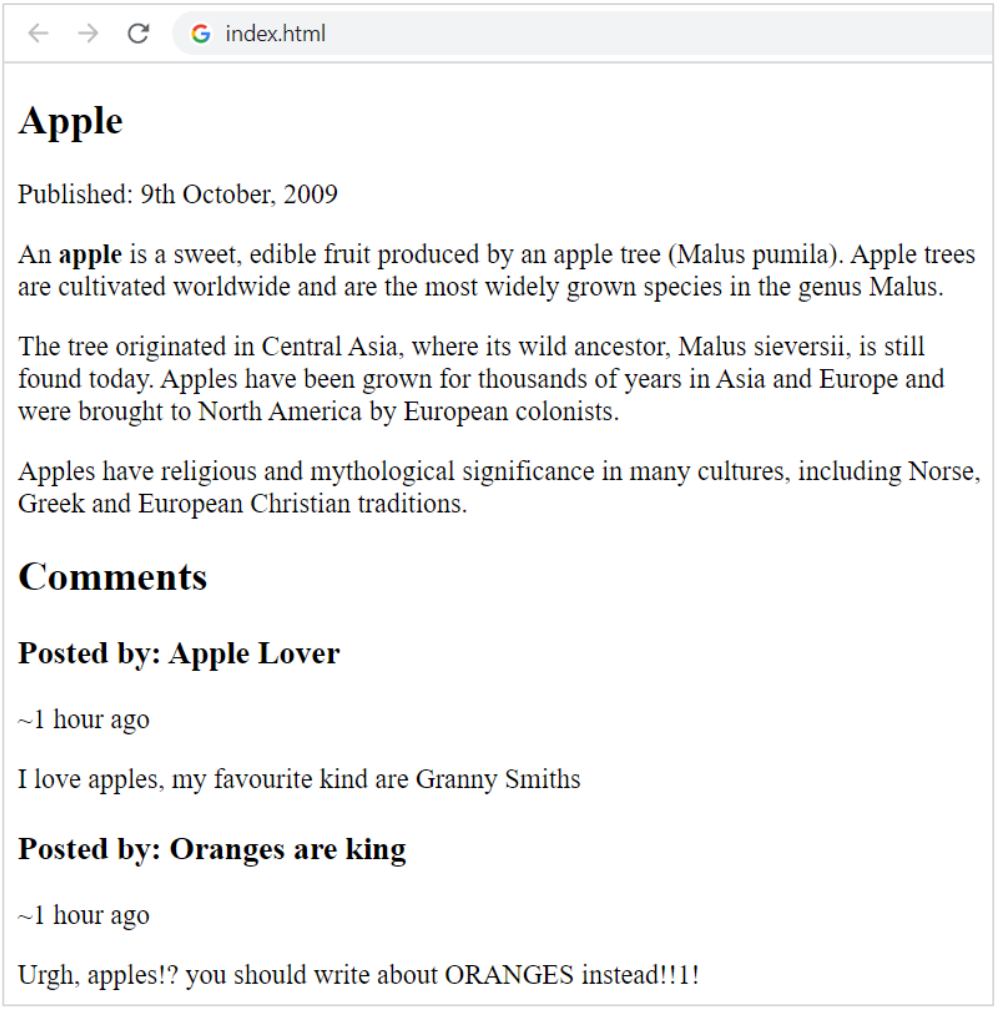
- padding: 15px, 5px 15px
- background colors: #f9f7cf, #f2dcbb

Hints

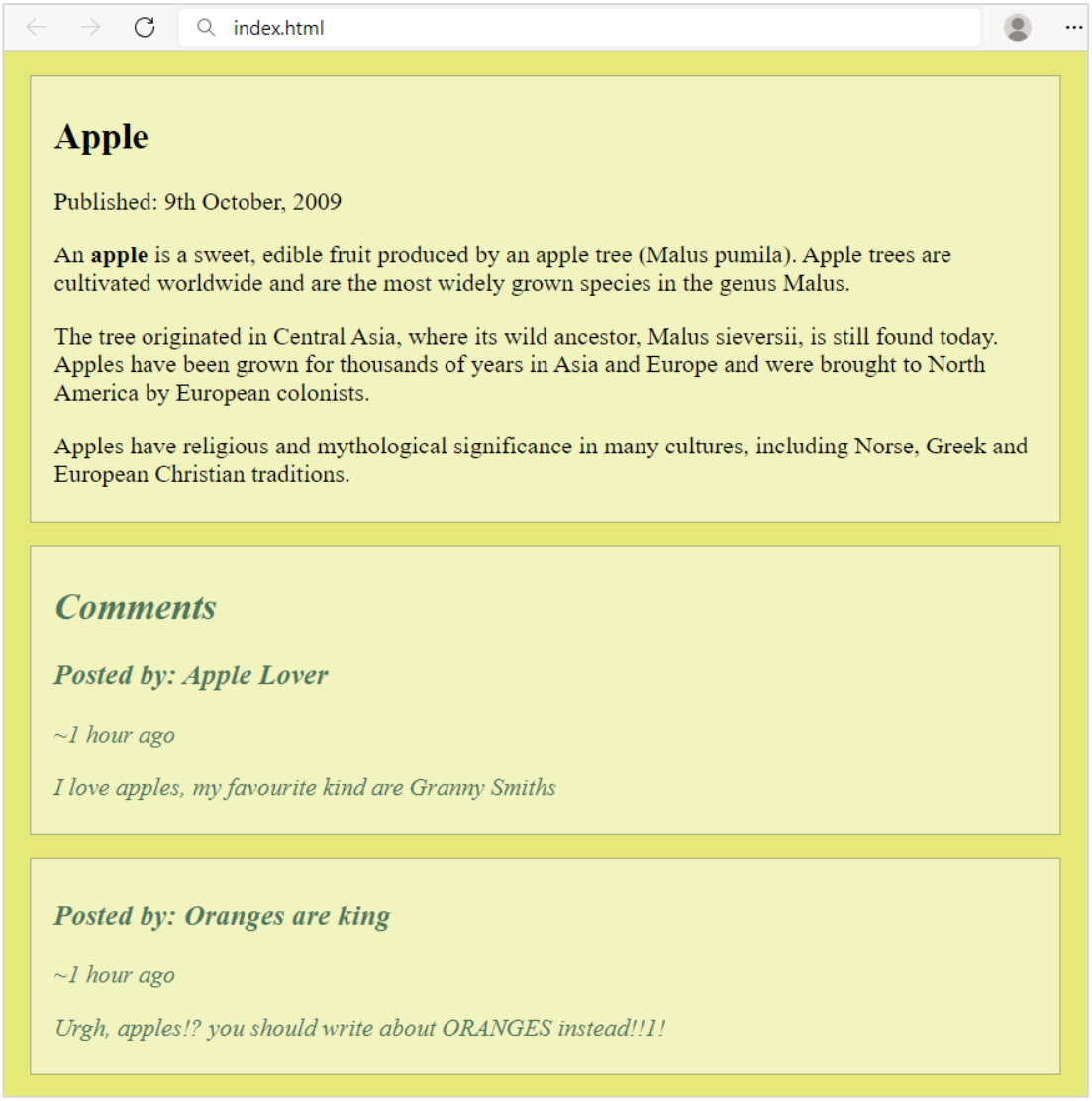

```
body {
  padding: 15px;
  background-color: #f9f7cf
}

header{
    padding: 5px 15px;
    background-color: #f2dcbb
}

footer{
    padding: 5px 15px;
    background-color: #f2dcbb
}
```

4. Semantic Article Page

Create a web page like the following:



Add CSS to make the Web page look better, like this:



Use the texts from the file **`site-texts.txt`**.

Create files: **`index.html`** and **`styles.css`**.

Constraints

- The title should be "**Semantic Article Page**"
- Use **`article`** tag to create an article
  - The article has header with **h1** heading and a **paragraph** for the published date inside
- Use **p** tag to create 3 paragraphs after the **header**.
  - The paragraphs contain the article content *(info for apple)*
  - Use **b** tag where is needed
- Use **`section`** tag to create the "**Comment section**"
  - Add **two articles** inside the section
  - Each **article** has a **heading (h2)** for the **title**
  - Each **article** has **two paragraphs** for the **time** and the **comment**

Used CSS in the example above:

- padding: 5px 15px;
- font-style: italic
- color: #5c6e91

- background colors: #f2f4c0, #e4e978, #4c7658;
- border: 1px solid #b2ad7d;
- margin: 15px 10px;

5. Simple Website

Using the navigation bar and page content from the previous two exercises, create a Web page like the following:

Use the texts from the file **`site-texts.txt`**.

Create two files: **`simple-website.html`** and **`simple-website.css`**.

Constrains

- Use the **HTML** and **CSS** from previous two problems
- **`<footer>`** tag
  - Background color: **`#444;`**
  - **`<p>`** tag for text
  - Text Color: **`#fff;`**
  - Center the text
  - Padding: **`10px`**

Hints

Use:

- **`&copy;`** for copyright symbol

6. Semantic Blog Layout

Create a **blog layout page**, which holds **header**, **footer** and **main**. The **main** should hold two **sections**, each holding two **articles**. It should look like this (without any styling):

A roundup, complete with code examples, showing off a variety of tools like Knex.js, Mongoose, TypeORM, Waterline, and Bookshelf.

Learn more at: https://www.sitepoint.com/javascript-typescript-orms/

By Michael Wanyoike. Published March 31rd

© 2021 DeveloperNewsPortal.info

Please contact Troy McClure for questions about these articles.

Use the texts from the file **`site-texts.txt`**.

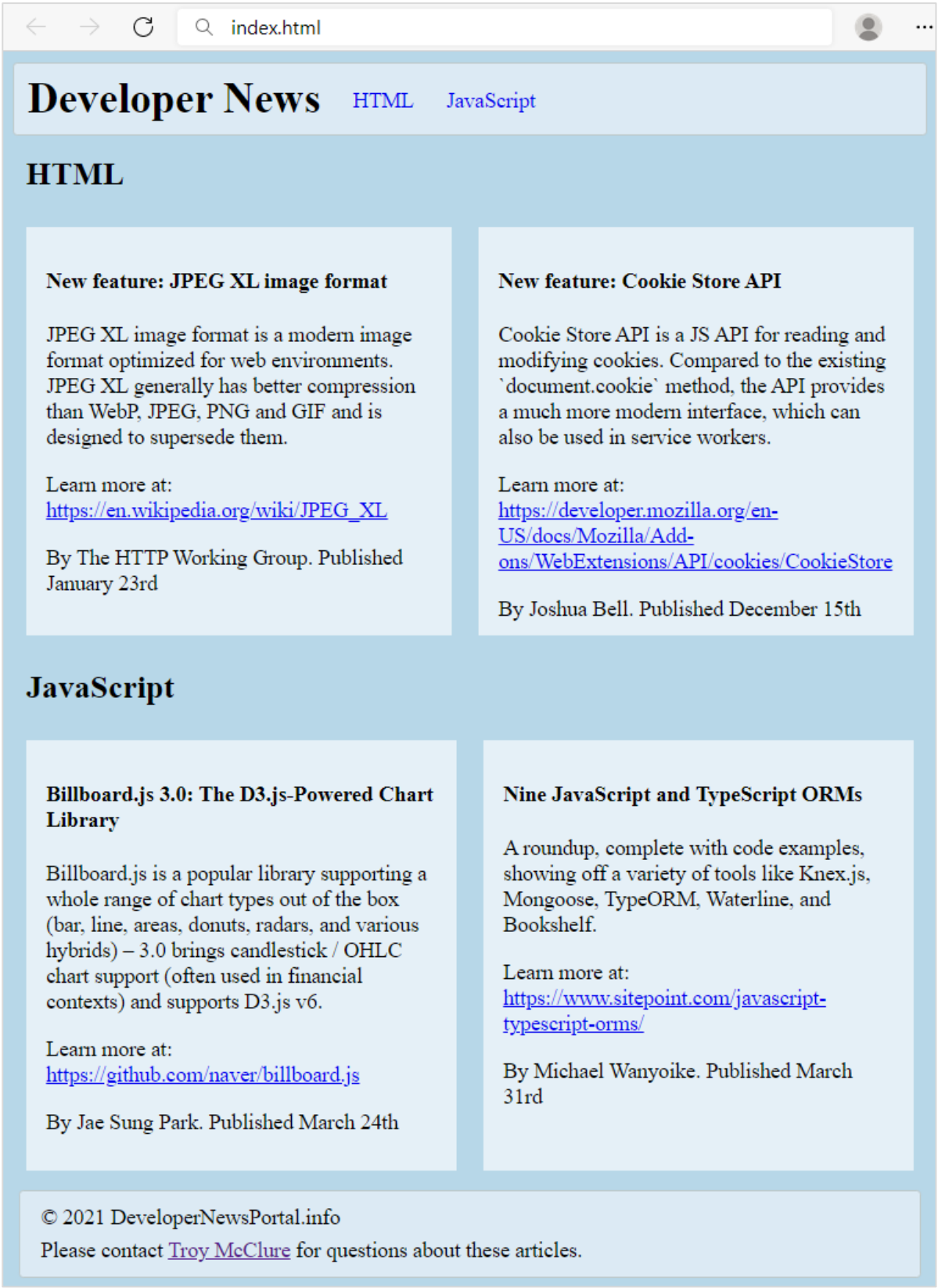
Create files: **`index.html`** and **`styles.css`**.

Constraints

- The title should be "**Semantic Blog Layout**"
- Use **`header`** tag for the header section
    - Use **`h1`** tag for the heading
    - Use **`nav`** tag for the navigation with an unordered list (**`ul`**) inside
        - Create two **list** items with **anchor** (**`a`**) tags inside
- Use **`main`** tag for the page main content
    - Create two **sections** in the main. Each section has:
        - A **header** with **h2** heading
        - Two **articles** with **h4** heading and three **p** tags inside
        - For the dates use **`time`** tag
- Use **`footer`** tag with **two** paragraphs Inside
    - Use **anchor** tag for the name in the last sentence

Add CSS Styling

Add **CSS styling** to make the blog look better, like at the following screenshot:



Create files: **`index.html`** and **`styles.css`**.

Use the following **CSS styles** to make your HTML look like at the screenshot:

```
header {
    border-radius: 3px;
    padding: 8px 10px;
    background-color: #dceaf4;
```

```
    border: 1px solid #bfcacb;
}
header * {
    display: inline;
    vertical-align: middle;
}
nav ul {
  margin: 0;
  padding: 10px;
}
nav li {
  margin:10px;
}
nav li a {
    text-decoration: none;
}

body{
    background-color:#b7d7e8;
}

section h2 {
    margin: 15px 10px;
}

article {
    display: table-cell;
    width: 50%;
    padding: 10px 15px;
    background-color: #e5f0f7;
    border: 10px solid #b7d7e8;
}

footer {
    margin: 5px;
    padding: 5px 10px;
    border-radius: 3px;
    background-color: #dceaf4;
    border: 1px solid #bfcacb;
}

footer p {
    margin: 5px;
}
```