Exercise: CSS Box Model
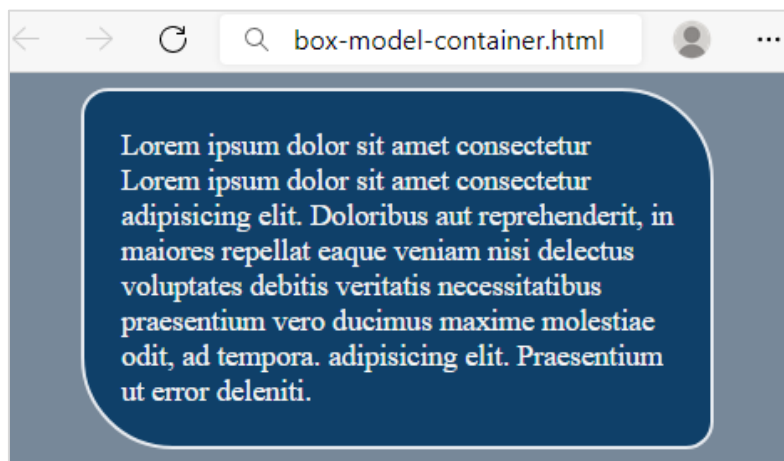
Problems for exercises and homework for the "HTML and CSS" course @ SoftUni. Submit your solutions in the SoftUni Judge system at https://judge.softuni.org/Contests/3333/CSS-Box-Model.

1. Box Model Container

Create a web page like the following:

Requirements

You will be given a skeleton with **filled HTML** and an **empty CSS** file. Write the missing **CSS** following the guidelines in the task.

- **<body>**:
  - Background color: **lightslategray**
- **<p>**:
  - Width: **300px**
  - Paddings: **20px**
  - **Auto** margins
  - Background color: **#0F4069**
  - Text color: **whitesmoke**
  - **Solid** border with size **2px** and color **#e6eaef**
  - Top left and bottom right border radius: **15px**
  - Top right and bottom left border radius: **50px**

2. Scrolling Article
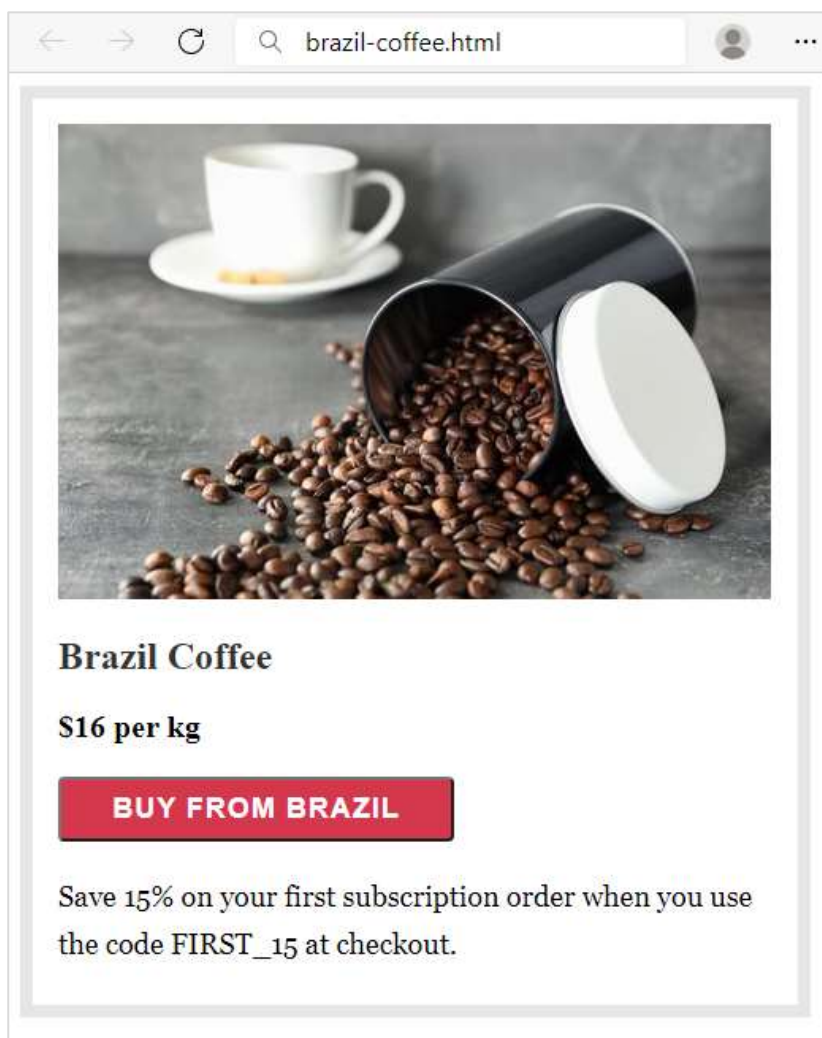
Create a web page like the following:

Requirements

HTML with **<body>** that contains: **<section>** with **<article>** which has **<h2>**, **<h3>** and **<p>**.

CSS:

- **<article>**:
  - Width: **500px**
  - Height: **200px**
  - Background color: **lightgray**
  - Paddings: **10px**
  - **Auto** overflow
- **<h2>**:
  - All characters to be **UPPERCASE**
  - Align the **text** to the **center**
- **<h3>**:
  - Align the **text** to the **center**
- **<p>**:
  - Indent text in the first line **30px**

3. Brazil Coffee

Create a web page like the following:

Requirements

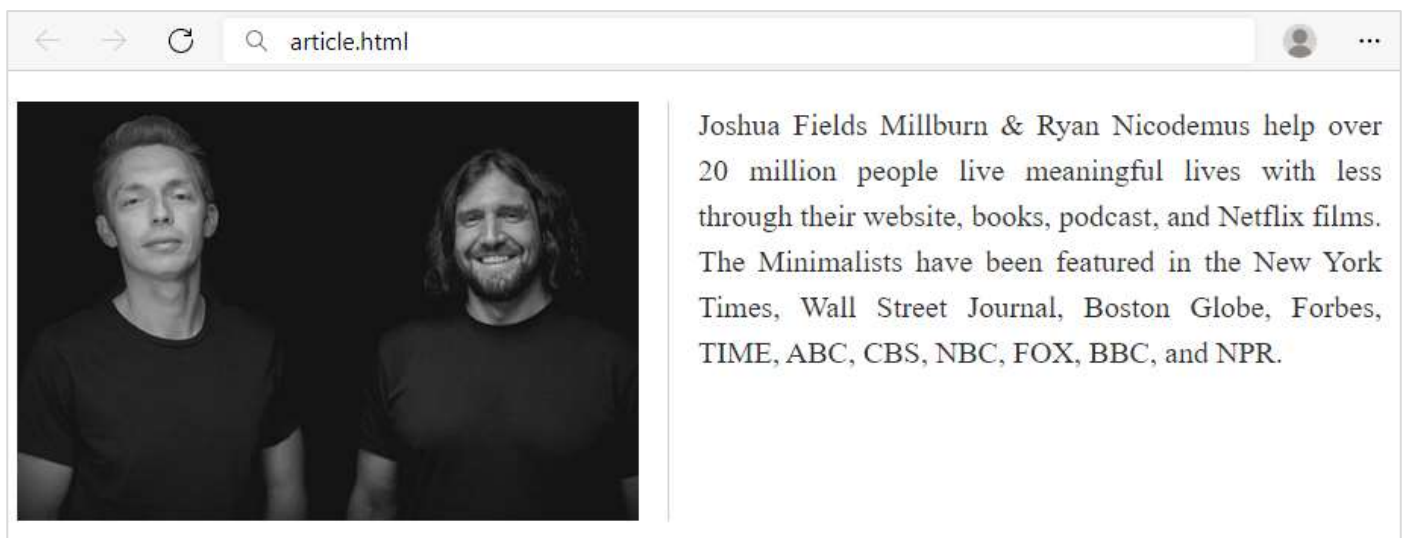**HTML** with `<body>` that contains: `<section>` which has `<img>`, `<h2>`, `<div>`, `<button>` and `<p>`.

CSS:

- `<section>`:
  - **Solid** border with size **8px** and color **#e6e6e6**
  - Paddings: **16px**
  - Width: **451px**
  - Height: **540px**
- `<h2>`:
  - Font: **Merriweather**
  - Generic Font: **serif**
  - Font weight **700**
  - **Top** & **bottom** margin **1.2rem**
  - **Left** & **right** margin **0**
  - Color: **rgb(51, 51, 51)**
- `<div>`:
  - Font weight **600**

- o Font size: **20px**
- **`<button>`**:
  - o Width: **250px**
  - o Font : **Work Sans**
  - o Generic Font: **sans-serif**
  - o Font weight **600**
  - o Font size: **18px**
  - o Border radius: **4px**
  - o Background color: **#d5384d**
  - o Text color: **#fff**
  - o Letter spacing: **1px**
  - o Align the **text** to the **center**
  - o **Top** & **bottom** padding **8px**
  - o **Left** & **right** padding **16px**
  - o Top margin: **20px**
  - o Bottom margin: **20px**
- **`<p>`**:
  - o Fonts: **Georgia**, **Cambria**, **Times New Roman**, **Times**
  - o Generic Font: **serif**
  - o Font size: **18px**
  - o Height of the line: **30px**
  - o Top margin: **0**

4. Article

Requirements

You will be given a skeleton with **filled HTML** and an **empty CSS** file. Write the missing **CSS** following the guidelines in the task.

- **`<main>`**:
  - o Width: **900px**
  - o Height: **140px**
- **`<img>`**:
  - o **Solid right border** with size **1px** and color **#d1d1d1**

- o Float the images on the **left**
- o Right margin: **19px**
- o Right padding: **19px**
- **<p>**:
  - o Font size: **20px**
  - o Height of the line: **30px**
  - o Text color: **#2e2e2e**
  - o Text align: justify

5. Blog Article
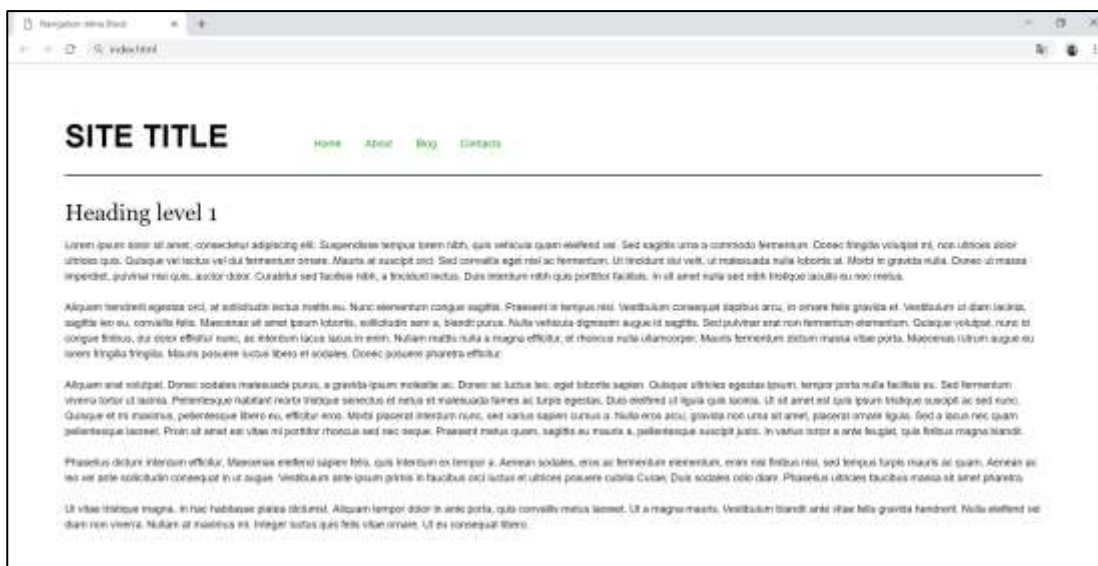

Requirements

You will be given a skeleton with **filled HTML** and an **empty CSS** file. Write the missing **CSS** following the guidelines in the task.

- **<body>**:
  - o Background color: **#02475e**
- **<article> :**
  - o **<h2>**:
    - ▪ Font size: **36px**
    - ▪ Text color: **#fefecc**
    - ▪ Margins: **12px**
    - ▪ Align the text to the **center**
  - o **<p>**:
    - ▪ Text color: **#eee**
    - ▪ Font: **Arial**
    - ▪ Generic Font: **sans-serif**
    - ▪ Height of the line: **24px**
    - ▪ Paddings: **10px**
    - ▪ Indent text in the first line **30px**
  - o **<div>**:
    - ▪ Bottom margin: **30px**
    - ▪ **Solid top** border with size **2px** and color **#fff**
    - ▪ **Relative** position
    - ▪ Top coordinates: **20px**
  - o **<span>**:

- Width: **120px**
- Font size: **14px**
- Align the **text** to the **center**
- **Top** & **bottom** paddings **3px**
- **Left** & **right** paddings **5px**
- **Top** & **bottom** margins **0**
- **Left** & **right** margins **auto**
- Background color: **#fff**
- Display the span as **block**
- **Relative** position
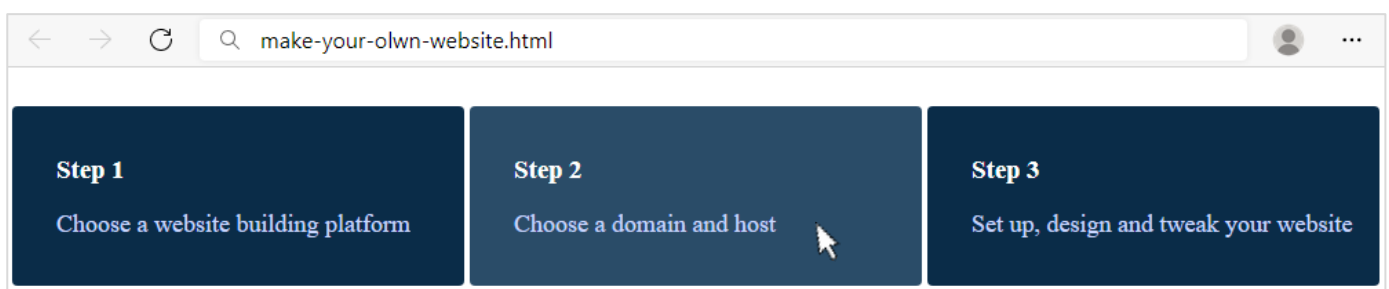- Top coordinates: **-11px**

6. Navigation Inline Block

Create a web page like the following:

Requirements

- Change the document title to "**Navigation Inline Block**"
- Divide your content into `header` and `main` tags
- Add font to the document: **Helvetica**, **sans-serif**
- Create a navigation bar
  - Add four list items in `nav` tag with `a` tags inside
  - Add `display: inline-block;` style for each item in the `nav`
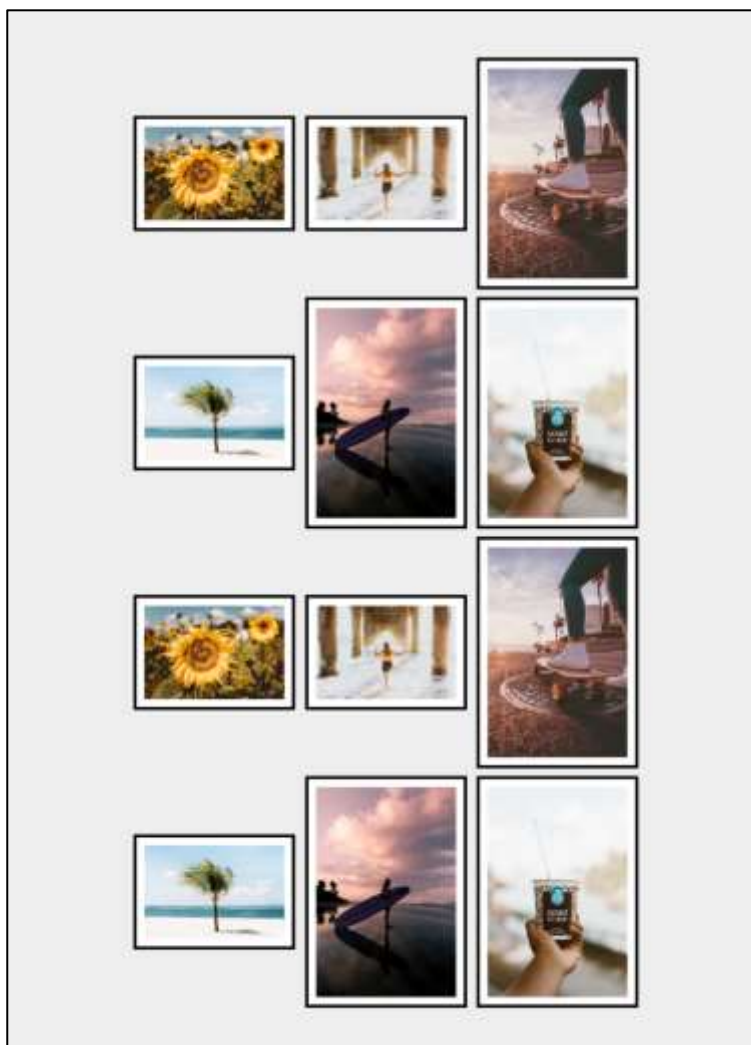
7. Make Your Own Website

Requirements

You will be given a skeleton with **filled HTML** and an **empty CSS** file. Write the missing **CSS** following the guidelines in the task.

- **<div>**:
  - Width: **280px**
  - Display the divs as **inline-block**
  - Padding top, right and bottom: **16px**
  - Padding left: **32px**
  - Top margin: **20px**
  - Background color: **#0A2C48**
  - Text color: **#fff**
  - Radius of the border: **4px**
- **<div>** on mouse **hover:**
  - Background color: **#2A4C68**
- **<p>**:
  - Text color: **#c9d6ff**
  - Font size: **18px**

8. Photo Gallery Inline Block

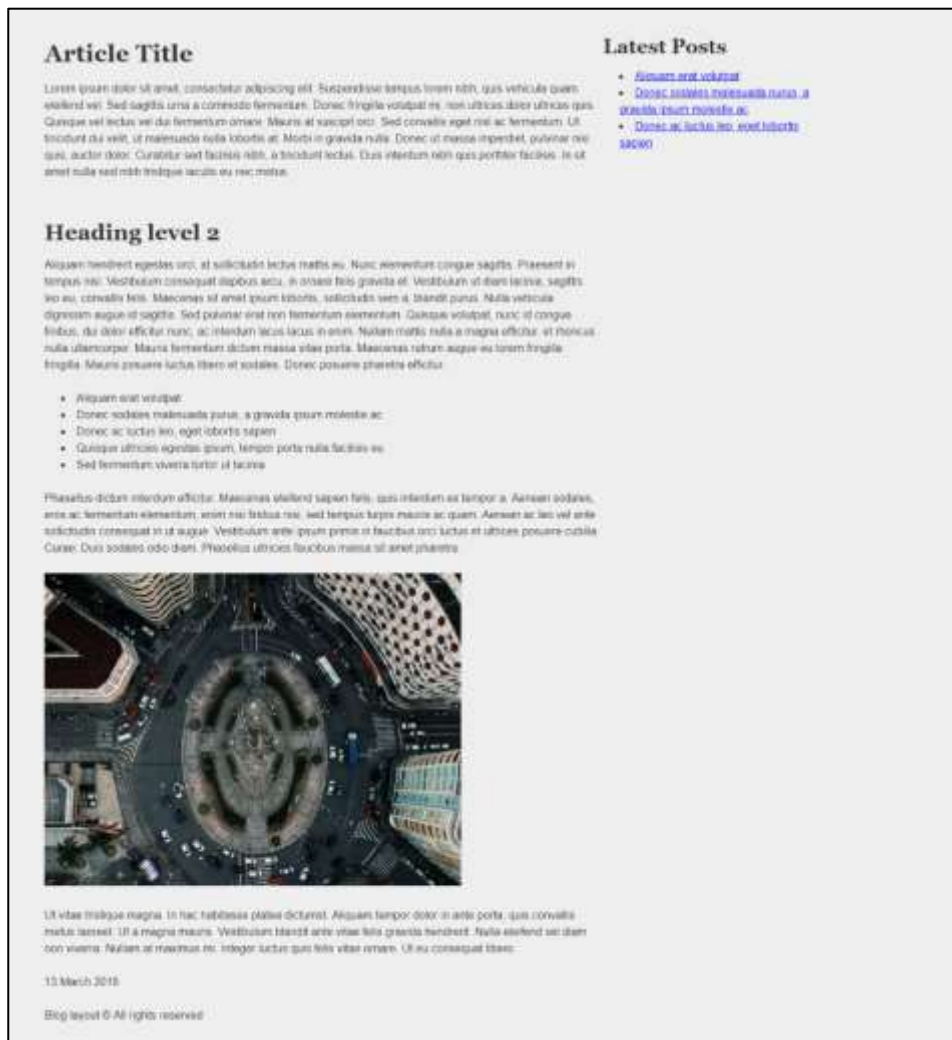Create a web page like the following:

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Requirements

- Change the document title to "**Photo Gallery - Inline Block**"
- Create unordered list with **class gallery** (**ul.gallery**)
- Add list items with images inside
- **<body>**
  - Padding: **5rem**
  - Background color: **#eee**
- **.gallery**
  - Width: **100%**
  - Margin: **0 auto**
  - Align the text to the **center**
- **li**
  - Width: **18rem**
  - Display the list as **inline-block**
  - Background color: **#fff**
  - **Solid** border with size **0.4rem** and color **#000**
  - Padding: **1rem**
  - Vertical align: **middle**
  - Margin: **0.5rem**
- **img**
  - display: **block**
  - width: **100%**
  - height: **auto**

9. Blog Layout Inline Block

Create a web page like the following:

Requirements

- Change the document title to "**Blog Layout Inline Block**"
- Add font to the document: **Helvetica**, **sans-serif**
- Use `article` tag to create an article
  - Divide the article content into header, section and footer tags
- Use `aside` tag to create aside for the **Latest Posts**
- Use background with color - `rgb(238, 238, 238)`
- Use `rgb(51, 51, 51)` color for the text

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