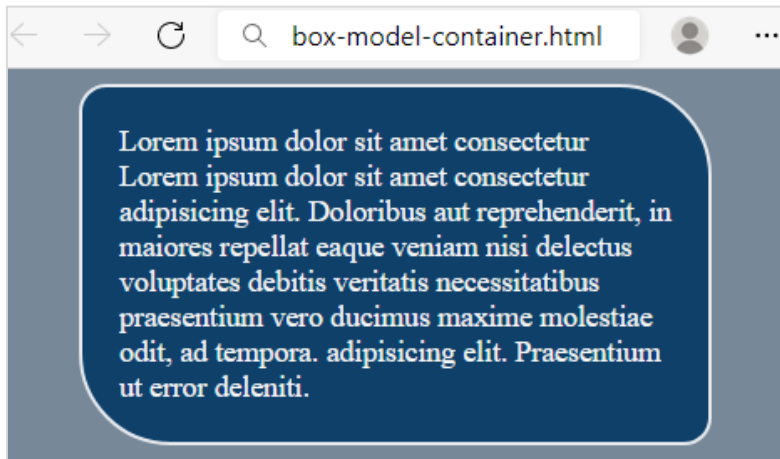# Exercise: CSS Box Model

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.

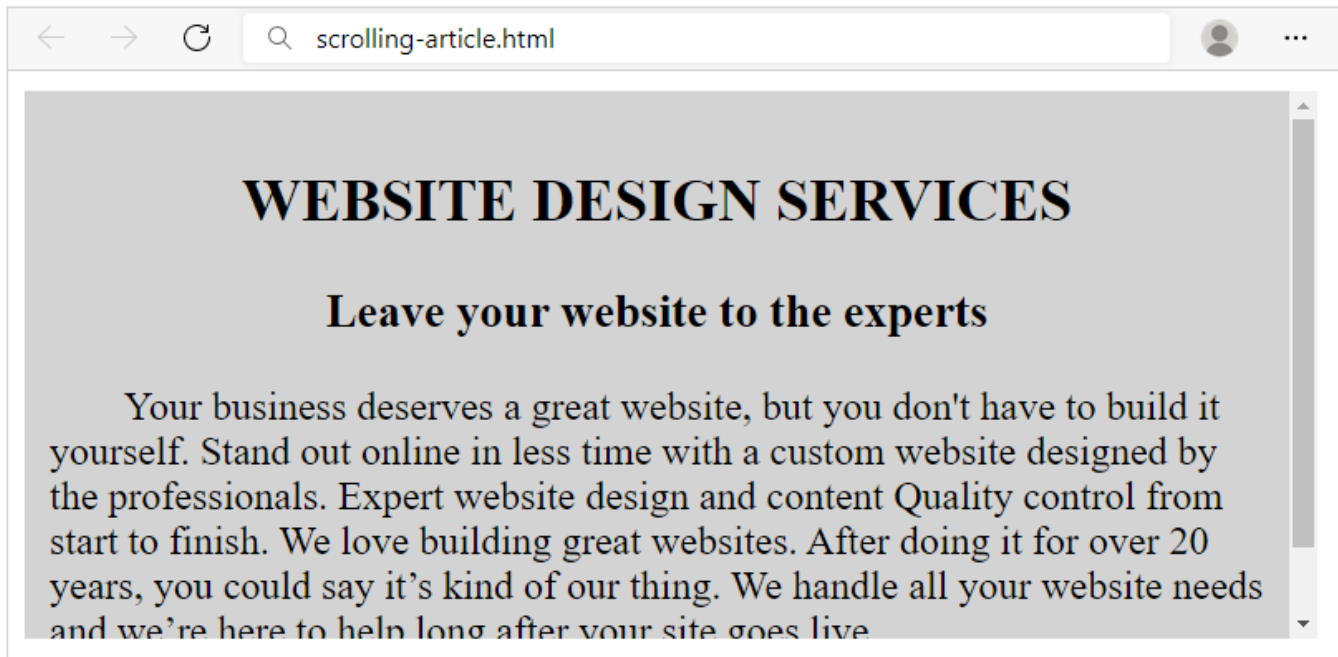## 1. Box Model Container

Create a web page like the following:

Constraints

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**

Follow us:

2. Scrolling Article

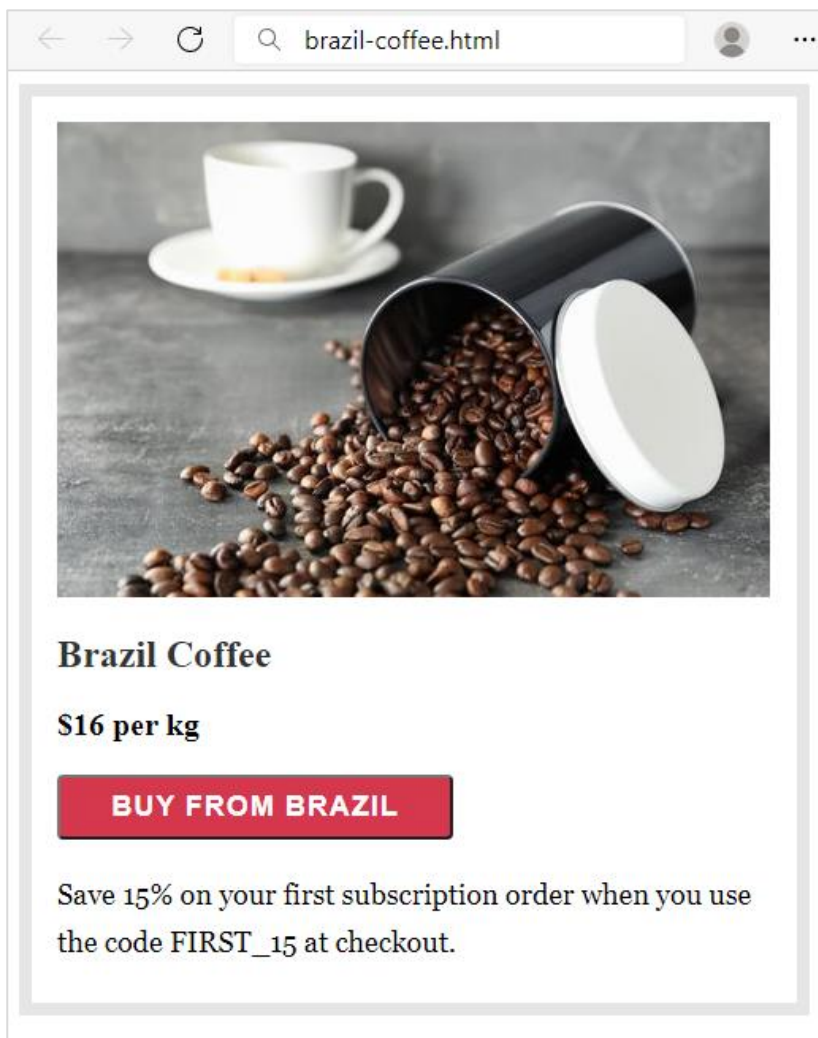Create a web page like the following:

Constraints

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

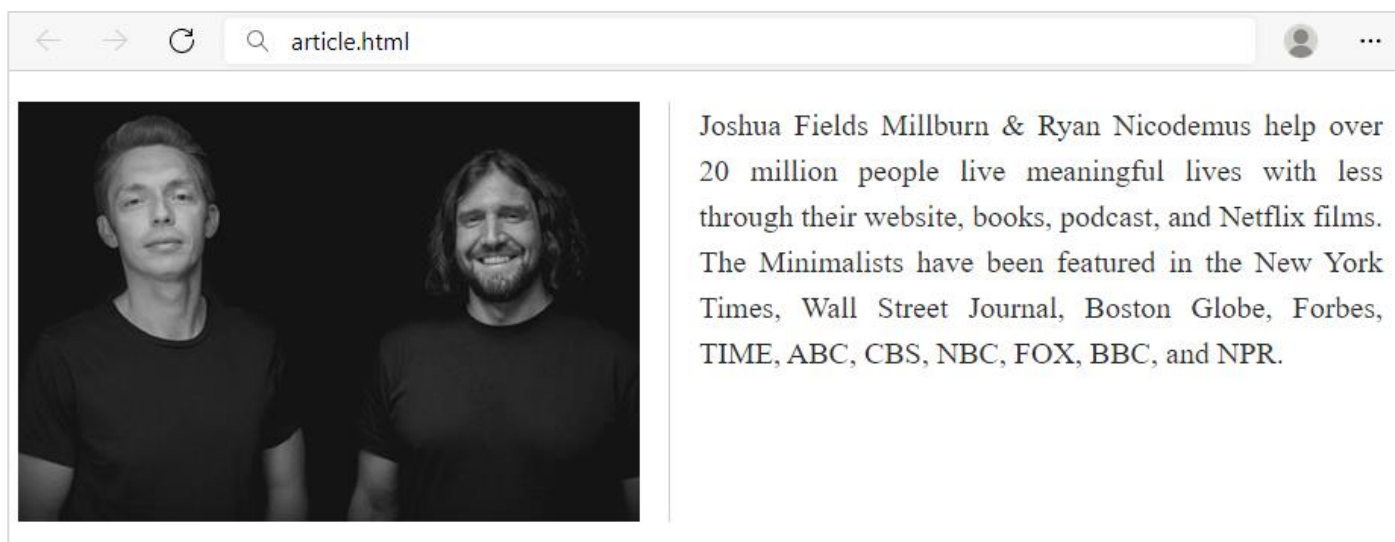Create a web page like the following:

Constraints

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**
- **`<div>`**:
    - Font weight **600**
    - Font size: **20px**

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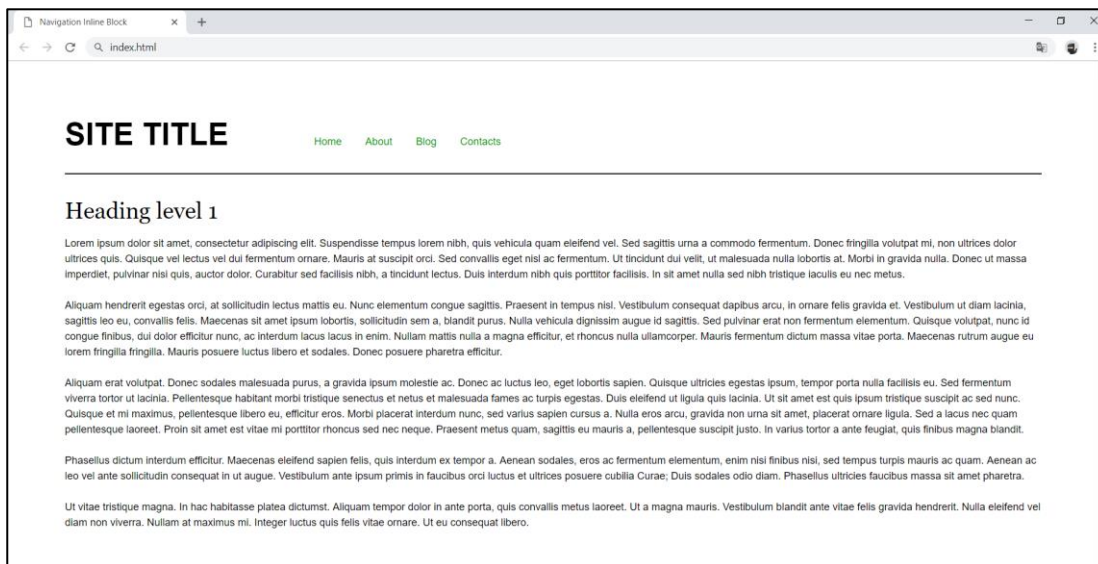
4. Article

Constraints

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

Constraints

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**
- **<h2>**:
    - o Font size: **36px**
    - o Text color: **#fefecc**
    - o Margins: **12px**
    - o Align the text to the **center**
- **<p>**:
    - o Text color: **#eee**
    - o Font: **Arial**
    - o Generic Font: **sans-serif**
    - o Height of the line: **24px**
    - o Paddings: **10px**
    - o Indent text in the first line **30px**
- **<span>**:
    - o Width: **120px**
    - o Font size: **14px**
    - o Align the **text** to the **center**
    - o **Top** & **bottom** paddings **3px**
    - o **Left** & **right** paddings **5px**
    - o **Top** & **bottom** margins **0**
    - o **Left** & **right** margins **auto**

- o Background color: **#fff**
- o Display the span as **block**
- o **Relative** position
- o Top coordinates: -**11px**
- **<div>**:
  - o Bottom margin: **30px**
  - o **Solid top** border with size **2px** and color **#fff**
  - o **Relative** position
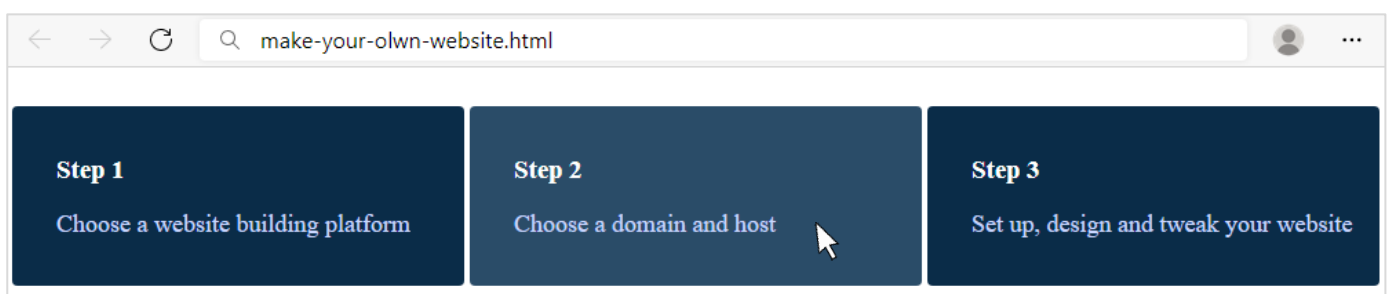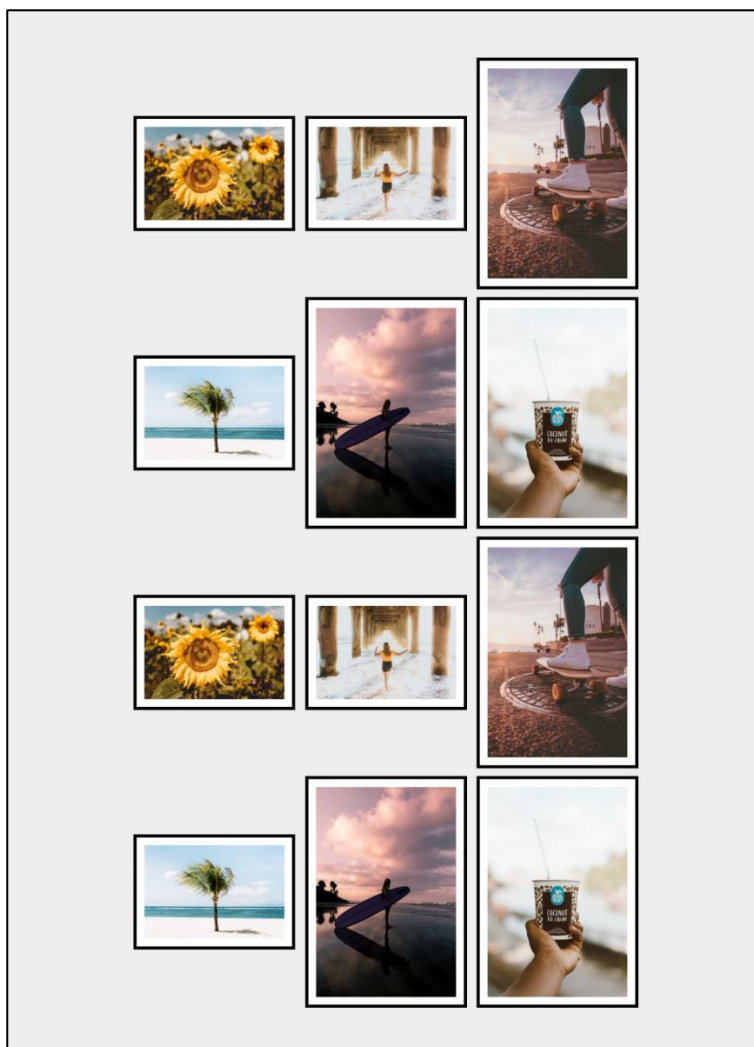 - o Top coordinates: **20px**

6. Navigation Inline Block

Create a web page like the following:

Constraints

- 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
  - o Add four list items in **nav** tag with **a** tags inside
  - o Add **display: inline-block;** style for each item in the **nav**

7. Make Your Own Website

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Constraints

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

8. Photo Gallery Inline Block

Create a web page like the following:

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Constraints

- Change the document title to "**Photo Gallery - Inline Block**"
- Create unordered list with class **gallery** (**ul.gallery**)
- Add list items with images inside
- The list items must have
  - Border width - **0.4rem**
  - Border color - **black**
  - Border style - **solid**

9. Blog Layout Inline Block

Create a web page like the following:

Constraints

- 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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