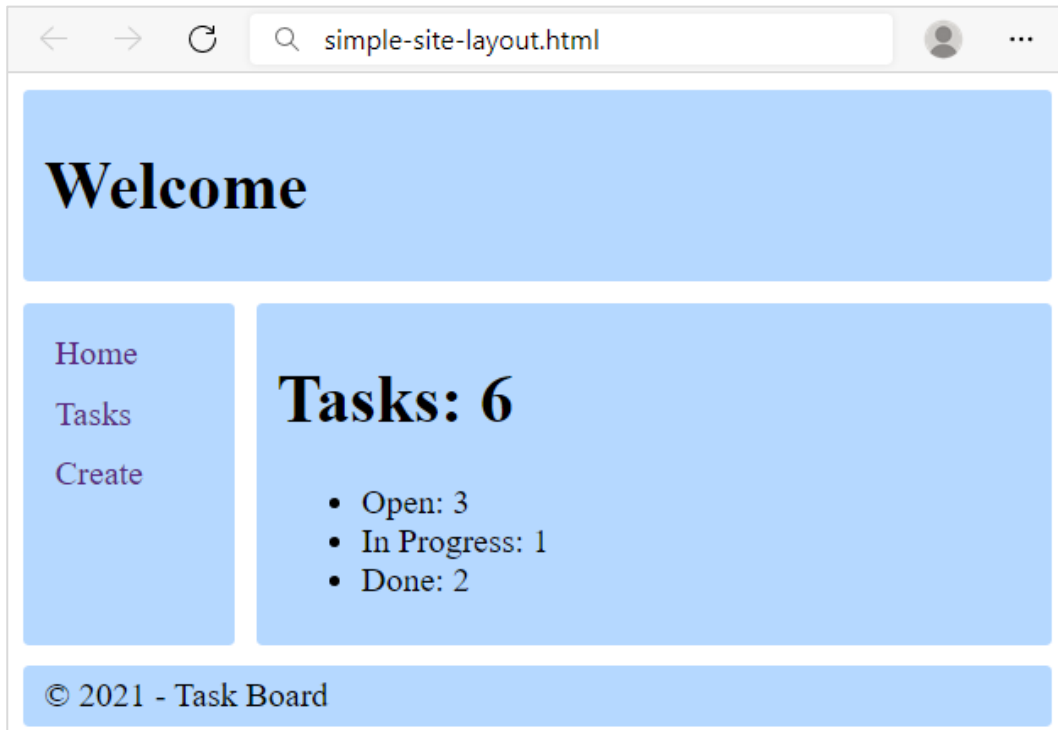


# Exercise: Position & Grid

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/3334/Position-and-Grid>.

## 1. Simple Site Layout

Create a Web page, holding like the following:



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

Create two files: `simple-site-layout.html` and `styles.css`.

Change the document title to "Simple Site Layout"

## Requirements

`<body>` that contains: `header`, `aside`, `main`, `footer` all with:

- border-radius: **3px**;
- background: **rgb(181, 216, 255)**;
- padding: **5px 10px**;

The elements into the `body`:

- `<header>` with
  - `<h1>` text that is displayed as **inline block** and is **vertically aligned** in the **middle**;
- `<aside>` tag that contains:
  - `<ul>` tag for unordered list
    - list-style-type: **none**;
    - margin: **0px**;
    - padding: **5px**;
    - `<li>` tag for list item

- **<a>** tag for hyperlink
  - display: **block**;
  - padding: **5px 0px**;
  - color: **rgb(86, 40, 129)**;
  - text-decoration: **none**;
- **<main>** tag that contain:
  - **<h1>** text title for the tasks
  - **<ul>** tag with:
    - **<li>** for the tasks with their status
- **<footer>** tag that contain:
  - **<div>** with copyright sign and text

## CSS Grid

In the **styles.css**:

- Make the **body** grid container by **displaying** the **grid**.
- Define **two grid columns** and their size. **100px** for the first column and **auto** for the second.
- Define the **grid areas**: **header, main, aside, footer**.
- Reference the **grid areas**: **"header header", "aside main", "footer footer"**.
- Set **gap: 10px**.

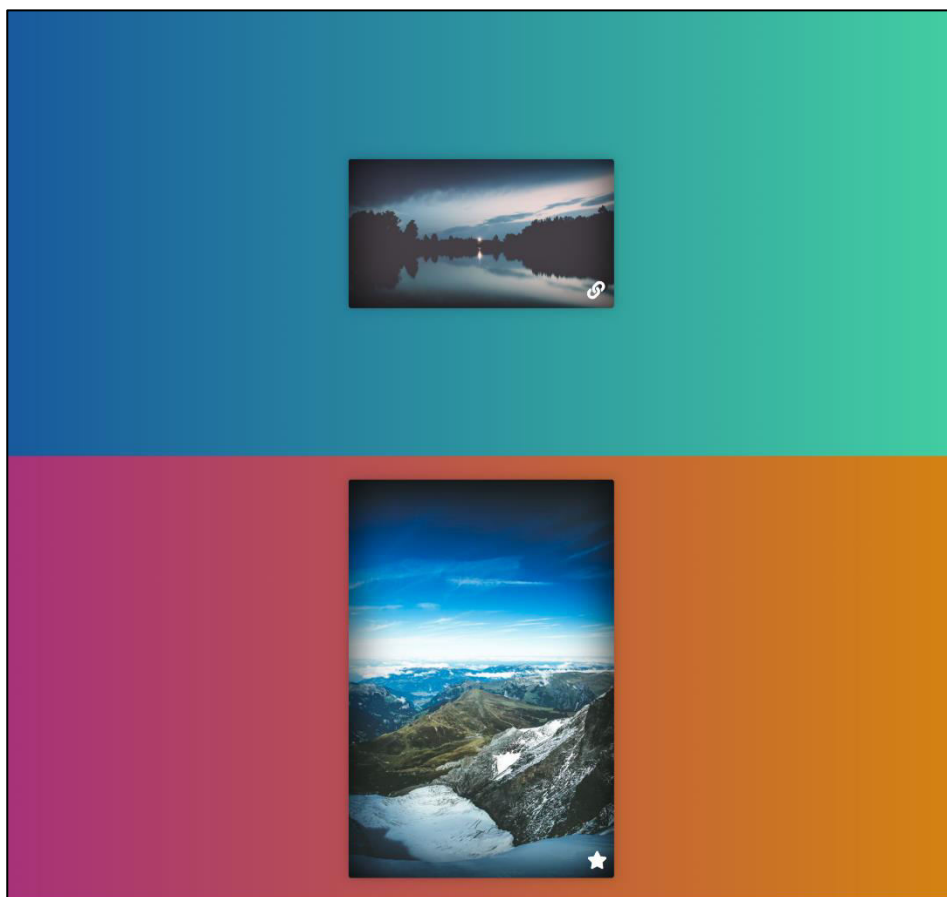
## Hints

```
body {
  display: grid;
  grid-template-areas:
    "header header"
    "aside main"
    "footer footer";
  grid-template-columns: 100px auto;
  gap: 10px;
}

header { grid-area: header; }
main { grid-area: main; }
aside { grid-area: aside; }
footer { grid-area: footer; }
```

## 2. Position Playground

Create a web page like the following:



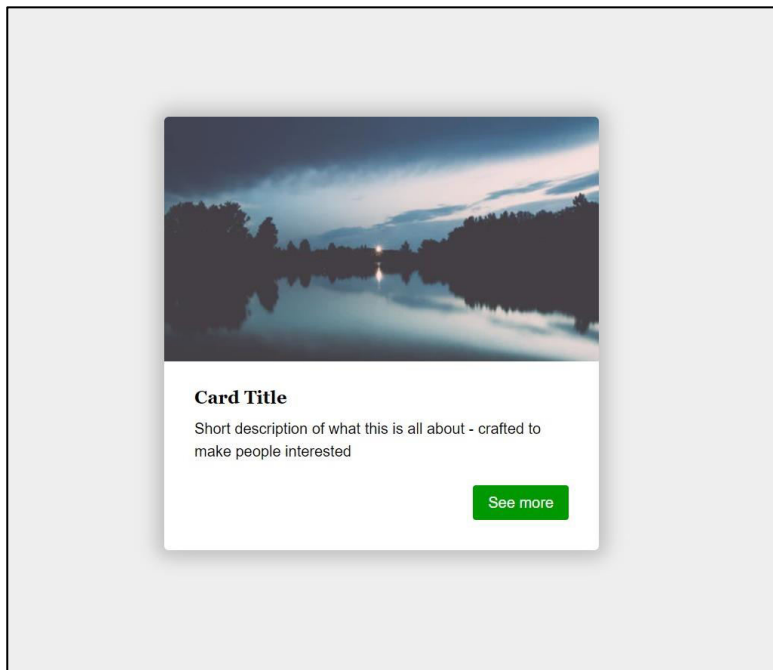
- Change the document title to "**Positioning Playground**"
- Import [Font Awesome](#) into your **CSS** file

### Requirements

- Add two container units (**divs**) with class **viewport** inside the body
  - Inside each one adds section with class **card** (**section.card**)
    - Change the display property to **block**
    - Try to center the section with position property **absolute**

### 3. Center Position and Transform

Create a web page like the following:



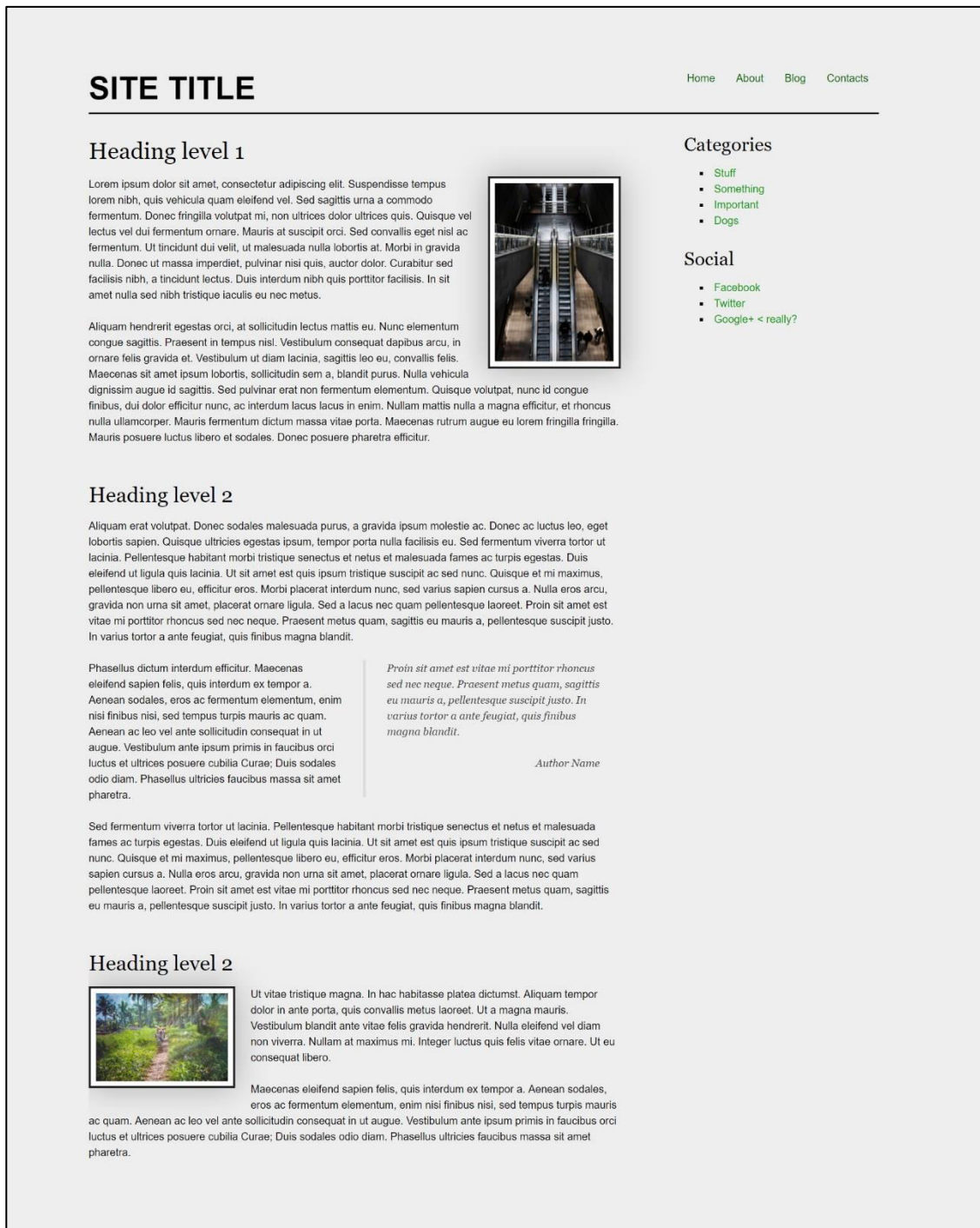
- Change the document title to "**Center Position and Transform**"

### Requirements

- **Section** tag must have **class="card"**
- Create section with two **divs**
  - First div contains image
  - Second div contains: **<h3>**, **<p>** and **a** tags
- Use **rgb(238, 238, 238)** for body background
- Use **rgb(255, 255, 255)** for card background
- Use **rgb(0, 153, 0)** for card button background
- Use font **Georgia, serif** with size **1em/1.2** for the headings
- Set the image position property to **absolute**

## 4. Navigation

Create a web page like the following:



- Change the document title to "Navigation"

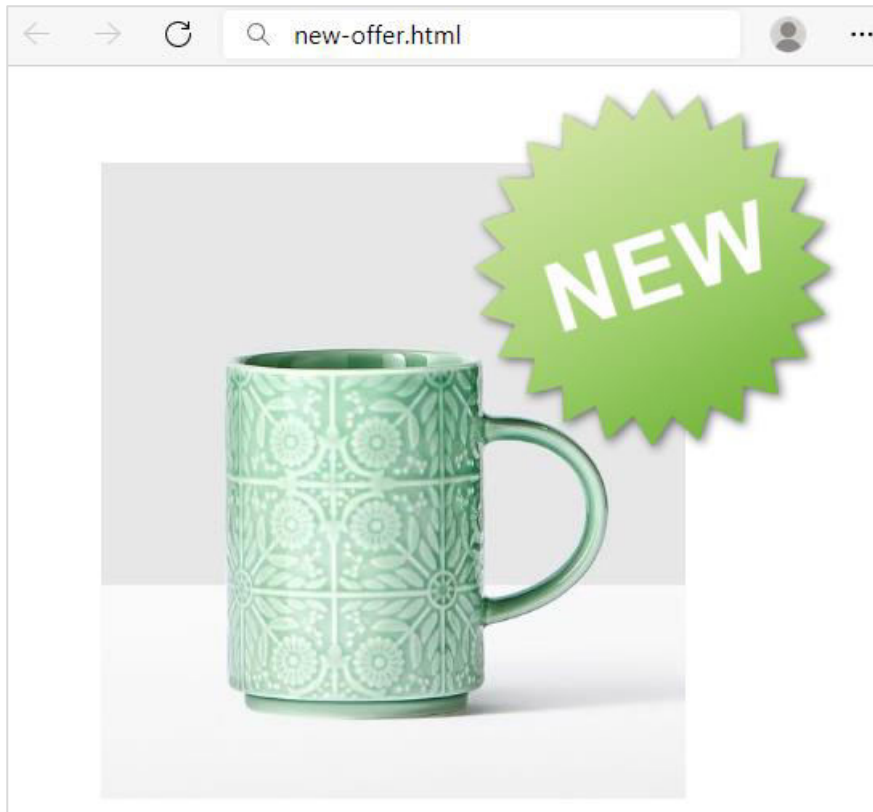
## Requirements

- Create a **header** with a **p** for as title
  - Inside the **header** add a **nav** with a **ul** and 4 **li** elements
- Create a **main**, which contains an **article** with a **header** and **h1** heading

- Add a **section** inside the **article**
- Create an **aside** element with two sections inside
  - The sections should have a **h3** heading and a navigation - **nav** with **ul**, **li** and **a** elements
- Use **rgb(0, 102, 0)** for the anchors
- Use **rgb(238, 238, 238)** for body background
- Use **rgb(255, 255, 255)** for image background and **rgba(0, 0, 0, 0.25)** for image box shadow
- Use font **Georgia, serif** for the blockquote
- Use font **Georgia, serif** with size **1em/1.2** for the headings

## 5. New Offer

Create a web page like the following:



## Requirements

HTML with **<body>** that contains **<main>** and two **<img>**.

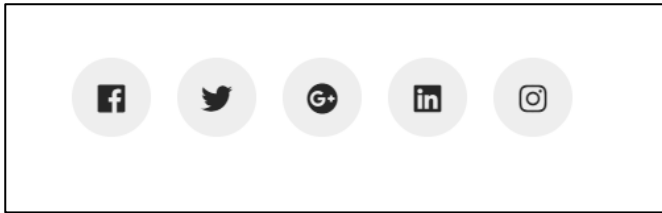
**<img>** with **new.png** need **class="new"**.

CSS:

- **<main>**:
  - Width: **700px**
  - Height: **500px**
  - Margins: **60px**
- **img.new**:
  - **Relative** position
  - Top coordinates: **-200px**
  - Right coordinates: **150px**

## 6. Social Media Icons

Create a web page like the following:



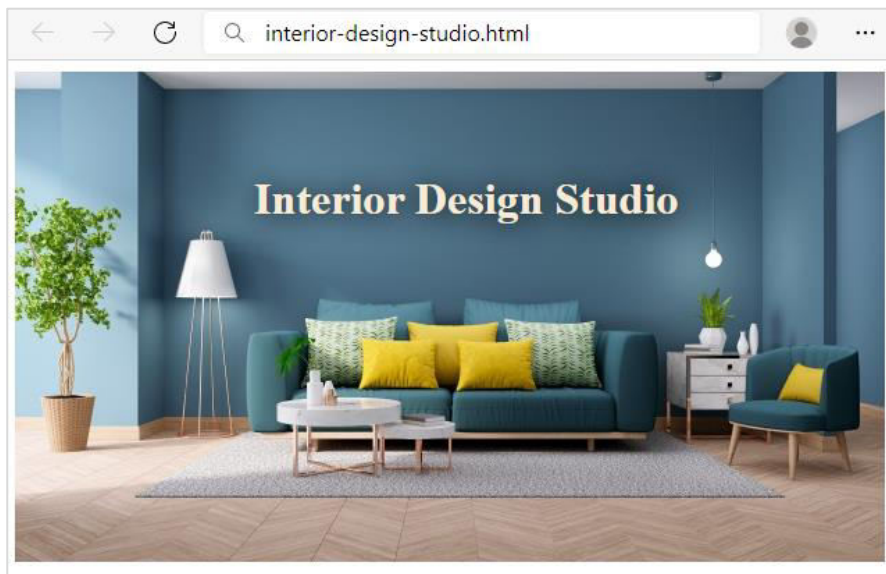
- Change the document title to "Social Media Icons"
- Use **FontAwesome** to add social icons

## Requirements

- All you need for your HTML are **ul**, **li** and **a** tags
- Change the **ul** display property to **inline-block**
- Remove list items default style
- Each **a** tag must have **border-radius: 50%;**
- Check the provided screenshots to see the **hover** effects

## 7. Interior Design Studio

Create a webpage like the following:



## Requirements

HTML with **<body>** that contains **<h1>** and **<img>**.

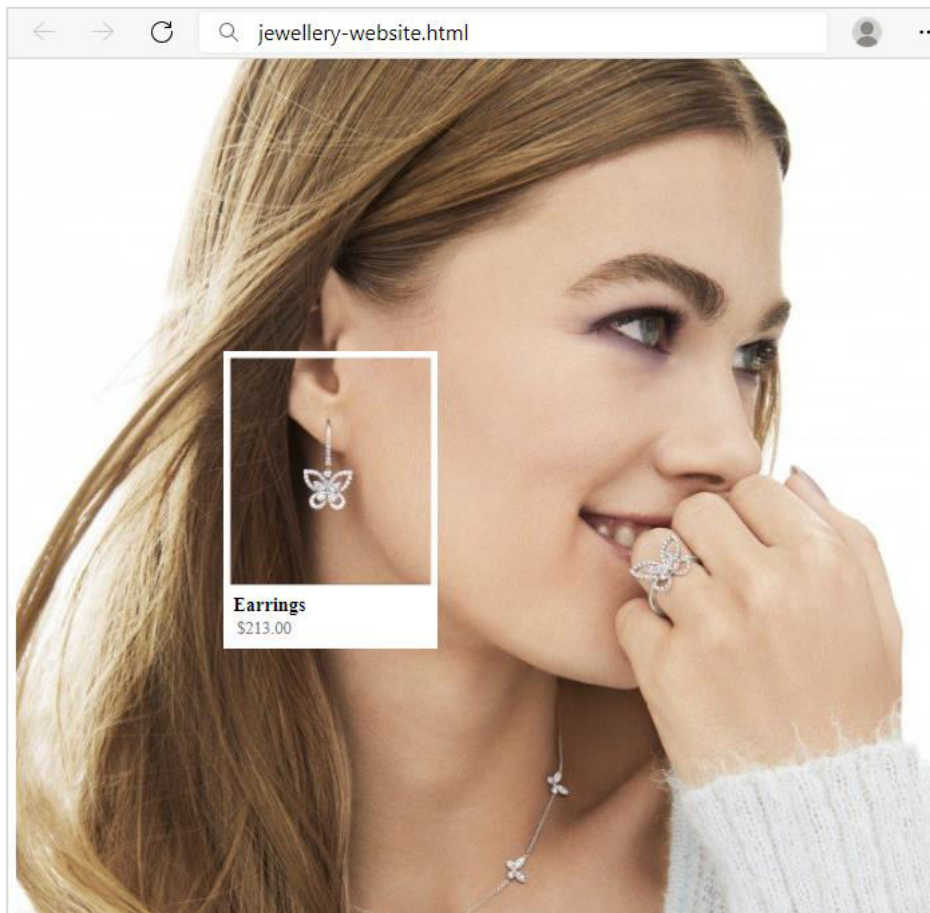
CSS:

- **<h1>**
  - **Absolute** position
  - **Top** coordinates: **60px**



- **Left** coordinates: **180px**
- Text color: **antiquewhite**
- **text-shadow**: **1px 1px 20px black**;

## 8. Jewellery 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.

- **<section>**
  - Set the position to **absolute**
  - Use the **coordinates: 250px (top)** and **180px (left)** to position the **frame** correctly
- **<h3>**
  - Font size: **16px**
  - Margin: **0px**
- **<span>**
  - Padding left: **3px**
  - Text color: **gray**
  - Font size: **14px**
- **<div>**
  - Set the position to **relative**
  - Use the **coordinates: 50px (bottom)** and **8px (left)** to position the **text** correctly