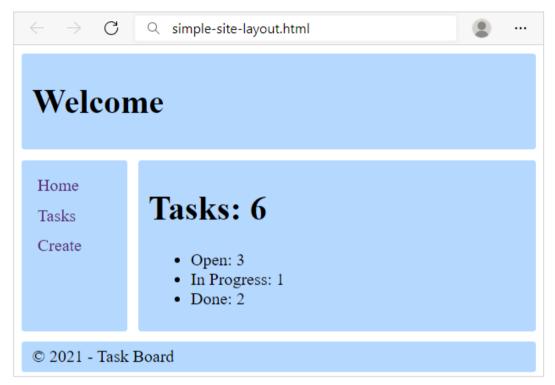
### **Exercise: Position & Grid**

Problems for exercises and homework for the "HTML and CSS" course @ SoftUni. Submit your solutions in the SoftUni Judge system at <a href="https://judge.softuni.org/Contests/3334/Position-and-Grid">https://judge.softuni.org/Contests/3334/Position-and-Grid</a>.

## 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:

- o border-radius: 3px;
- o background: **rgb(181, 216, 255)**;
- o 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:
  - tag for unordered list
    - list-style-type: none;
    - margin: 0px;
    - padding: 5px;
    - tag for list item



















- <a>> tag for hyperlink</a>
  - o display: block;
  - padding: 5px 0px;
  - o color: rgb(86, 40, 129);
  - text-decoration: none;
- <main> tag that contain:
  - <h1> text title for the tasks
  - o ul> tag with:
    - for the tasks with their status
- <footer> tag that contain:
  - o <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; }
```









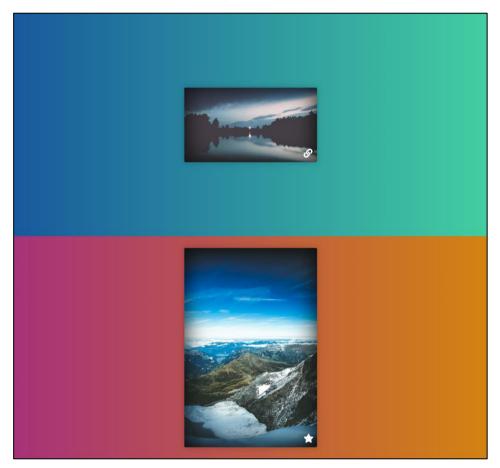






# 2. Position Playground

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**











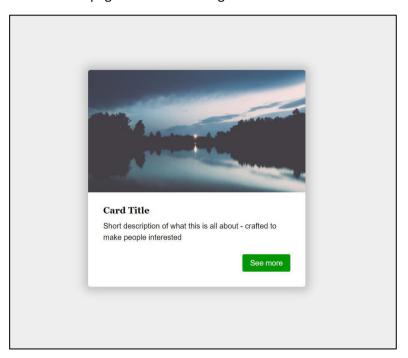






### 3. Center Position and Transform

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
  - o First div contains image
  - Second div contains: <h3>, 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:

### SITE TITLE

## Categories

Home About Blog Contacts

- Stuff
- Important Dogs

#### Social

### Heading level 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse tempus lorem nibh, quis vehicula quam eleifend vel. Sed sagittis urna a commodo fermentum. Donec fringilla volutpat mi, non ultrices dolor ultrices quis. Quisque vel lectus vel dui fermentum ornare. Mauris at suscipit orci. Sed convallis eget nisl ac fermentum. Ut tincidunt dui velit, ut malesuada nulla lobortis at. Morbi in gravida nulla. Donec ut massa imperdiet, pulvinar nisi quis, auctor dolor. Curabitur sed facilisis nibh, a tincidunt lectus. Duis interdum nibh quis porttitor facilisis. In sit amet nulla sed nibh tristique jaculis eu nec metus

Aliquam hendrerit egestas orci, at sollicitudin lectus mattis eu. Nunc elementum congue sagittis. Praesent in tempus nisl. Vestibulum consequat dapibus arcu, in ornare felis gravida et. Vestibulum ut diam lacinia, sagittis leo eu, convallis felis.

Maecenas sit amet ipsum lobortis, sollicitudin sem a, blandit purus. Nulla vehicula dignissim augue id sagittis. Sed pulvinar erat non fermentum elementum. Quisque volutpat, nunc id congue finibus, dui dolor efficitur nunc, ac interdum lacus lacus in enim. Nullam mattis nulla a magna efficitur, et rhoncus nulla ullamcorper. Mauris fermentum dictum massa vitae porta. Maecenas rutrum augue eu lorem fringilla fringilla Mauris posuere luctus libero et sodales. Donec posuere pharetra efficitur.

#### Heading level 2

Aliquam erat volutpat. Donec sodales malesuada purus, a gravida ipsum molestie ac. Donec ac luctus leo, eget lobortis sapien. Quisque ultricies egestas ipsum, tempor porta nulla facilisis eu. Sed fermentum viverra tortor ut lacinia. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Duis eleifend ut ligula guis lacinia. Ut sit amet est guis ipsum tristique suscipit ac sed nunc. Quisque et mi maximus. pellentesque libero eu, efficitur eros. Morbi placerat interdum nunc, sed varius sapien cursus a. Nulla eros arcu, gravida non urna sit amet, placerat ornare ligula. Sed a lacus nec quam pellentesque laoreet. Proin sit amet est vitae mi porttitor rhoncus sed nec neque. Praesent metus quam, sagittis eu mauris a, pellentesque suscipit justo In varius tortor a ante feugiat, quis finibus magna blandit.

eleifend sapien felis, quis interdum ex tempor a. Aenean sodales, eros ac fermentum elementum, enim nisi finibus nisi, sed tempus turpis mauris ac quam. Aenean ac leo vel ante sollicitudin consequat in ut augue. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae: Duis sodales odio diam. Phasellus ultricies faucibus massa sit amet pharetra.

Proin sit amet est vitae mi porttitor rhoncus sed nec neque. Praesent metus quam, sagittis eu mauris a, pellentesque suscipit justo. In varius tortor a ante feugiat, quis finibus magna blandit

Author Name

Sed fermentum viverra tortor ut lacinia. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Duis eleifend ut ligula quis lacinia. Ut sit amet est quis ipsum tristique suscipit ac sed nunc. Quisque et mi maximus, pellentesque libero eu, efficitur eros. Morbi placerat interdum nunc, sed varius sapien cursus a. Nulla eros arcu, gravida non uma sit amet, placerat ornare ligula. Sed a lacus nec quam pellentesque lacreet. Proin sit amet est vitae mi porttitor rhoncus sed nec neque. Praesent metus quam, sagittis eu mauris a, pellentesque suscipit justo. In varius tortor a ante feugiat, quis finibus magna blandit.

### Heading level 2



Ut vitae tristique magna. In hac habitasse platea dictumst. Aliquam tempor dolor in ante porta, quis convallis metus laoreet. Ut a magna mauris. Vestibulum blandit ante vitae felis gravida hendrerit. Nulla eleifend vel diam non viverra. Nullam at maximus mi. Integer luctus quis felis vitae ornare. Ut eu

Maecenas eleifend sapien felis, quis interdum ex tempor a. Aenean sodales eros ac fermentum elementum, enim nisi finibus nisi, sed tempus turpis mauris

ac quam. Aenean ac leo vel ante sollicitudin consequat în ut augue. Vestibulum ante ipsum primis în faucibus orci luctus et ultrices posuere cubilia Curae; Duis sodales odio diam. Phasellus ultricies faucibus massa sit amet

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



















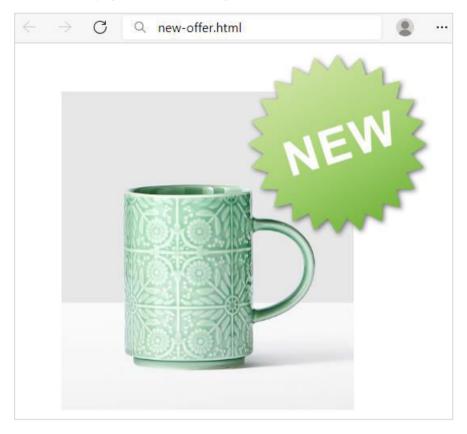




- Add a section inside the article
- Create an aside element with two sections inside
  - The sections should have a h3 heading and a navigation nav with u1, 1i and a elements
- Use **rgb(0, 102, 0)** for the anchors
- Use rgb(238, 238, 238) for body background
- Use rgb(255, 255, 255) for image background 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>:

o Width: **700px** o Height: 500px o Margins: 60px

img.new:

o **Relative** position

○ Top coordinates: -200px o Right coordinates: 150px













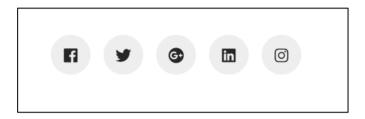






### 6. Social Media Icons

Create a web page like the following:



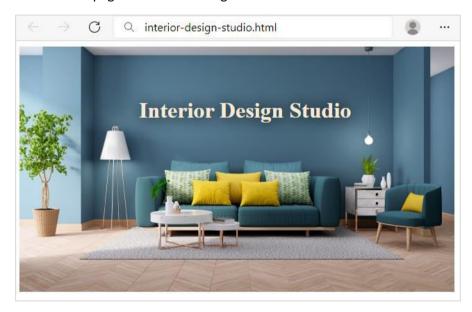
- Change the document title to "Social Media Icons"
- Use FontAwesome to add social icons

### 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













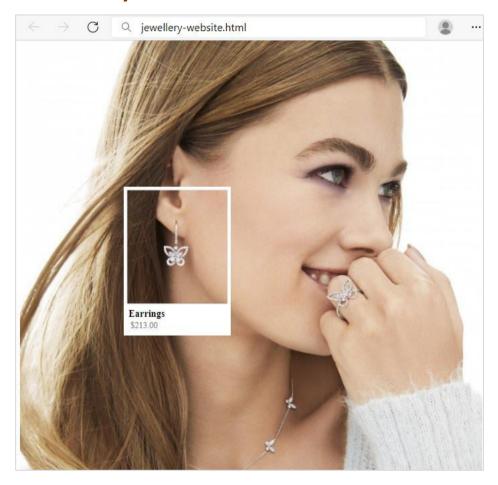




o Left coordinates: 180px o Text color: antiquewhite

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 0

#### <h3>

Font size: 16px Margin: 0px 0

#### <span>

o Padding left: 3px o 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















