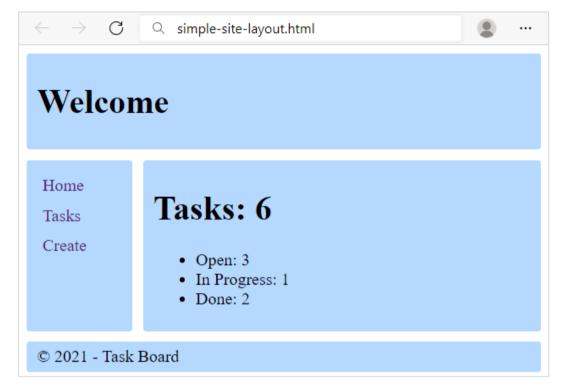
## **Exercise: Position & Grid**

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



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- <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 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; }
```









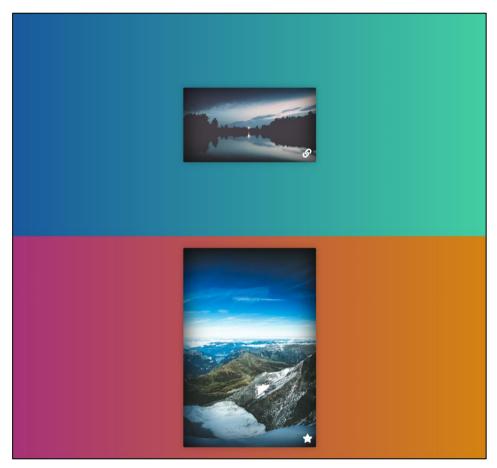






# 2. Position Playground

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
  - o 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**











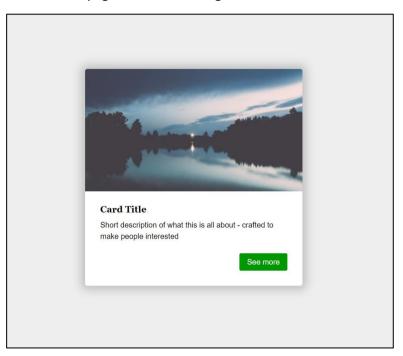






## 3. Center Position and Transform

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

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#### Heading level 2

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Author Name

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### Heading level 2



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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

















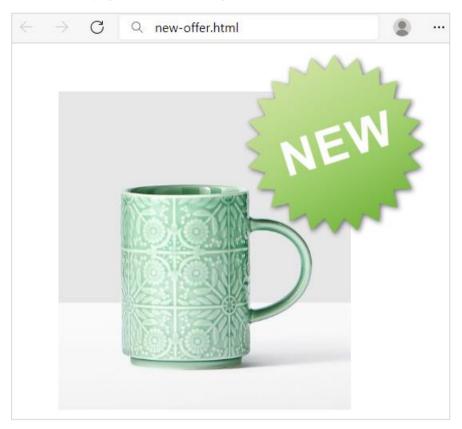




- Add a section inside the article
- Create an aside element with two sections inside
  - The sections should have a h3 heading and a navigation nav with u1, 1i and a elements
- Use **rgb(0, 102, 0)** for the anchors
- Use rgb(238, 238, 238) for body background
- Use rgb(255, 255, 255) for image background 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** Height: 500px o Margins: 60px

img.new:

o **Relative** position

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









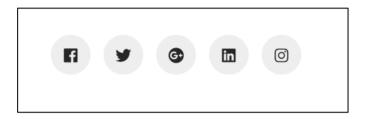






## 6. Social Media Icons

Create a web page like the following:



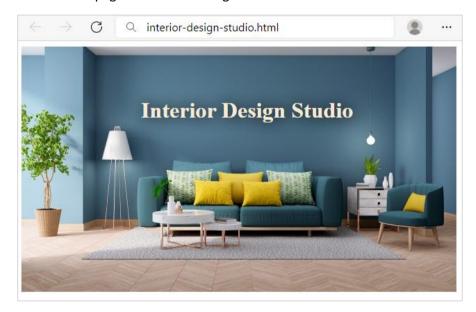
- Change the document title to "Social Media Icons"
- Use FontAwesome to add social icons

## 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













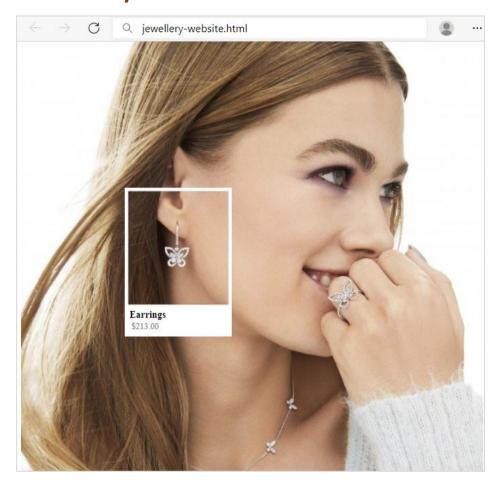




o Left coordinates: 180px o Text color: antiquewhite

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 and 180px 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 and 8px to position the text correctly













