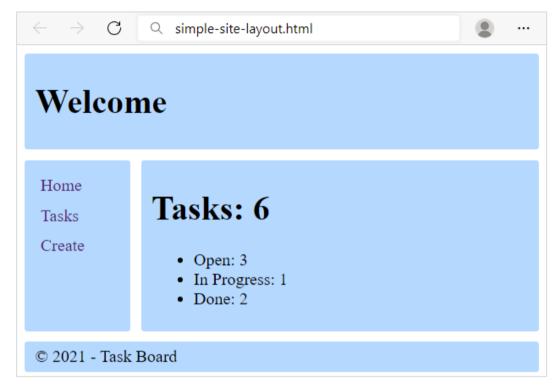
Exercise: Position & Grid

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;
- o 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:
 - tag for unordered list
 - list-style-type: none;
 - margin: 0px;
 - padding: 5px;
 - tag for list item



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- <a>> tag for hyperlink
 - 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; }
```











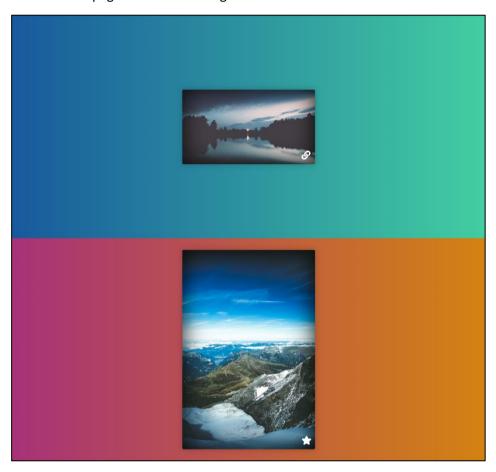






2. Position Playground

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**











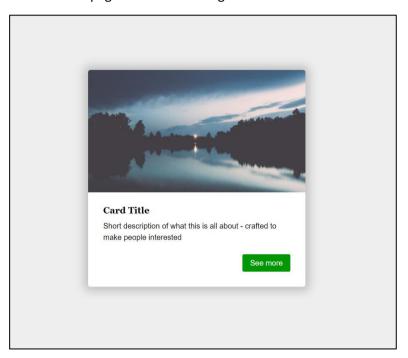






3. Center Position and Transform

Create a web page like the following:

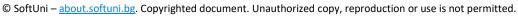


Change the document title to "Center Position and Transform"

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

Heading level 1

Home About Blog Contacts

- Categories Stuff
- Important Dogs

Social

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Heading level 2

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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

















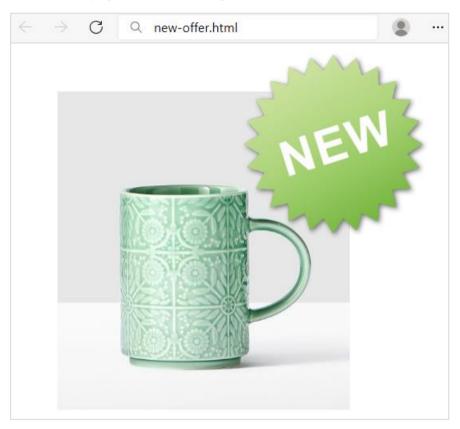




- Add a section inside the article
- Create an aside element with two sections inside
 - The sections should have a h3 heading and a navigation nav with u1, 1i and a elements
- Use **rgb(0, 102, 0)** for the anchors
- Use rgb(238, 238, 238) for body background
- Use rgb(255, 255, 255) for image background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

 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











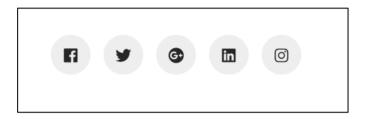






6. Social Media Icons

Create a web page like the following:



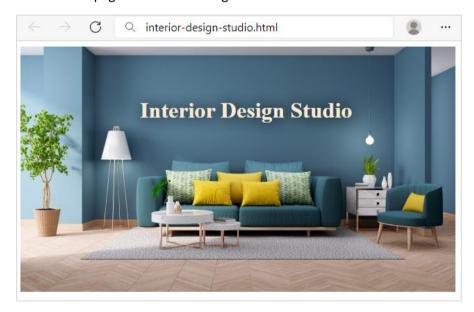
- Change the document title to "Social Media Icons"
- Use FontAwesome to add social icons

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 ****.

CSS:

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













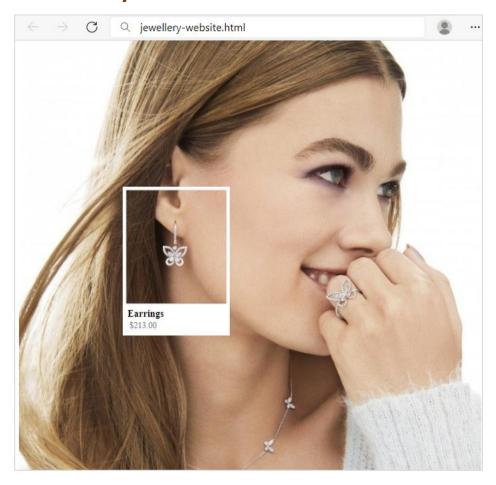




o Left coordinates: 180px o Text color: antiquewhite

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

o Padding left: 3px Text color: gray Font size: 14px

<div>

Set the position to **relative**

Use the coordinates: 50px and 8px to position the text correctly













