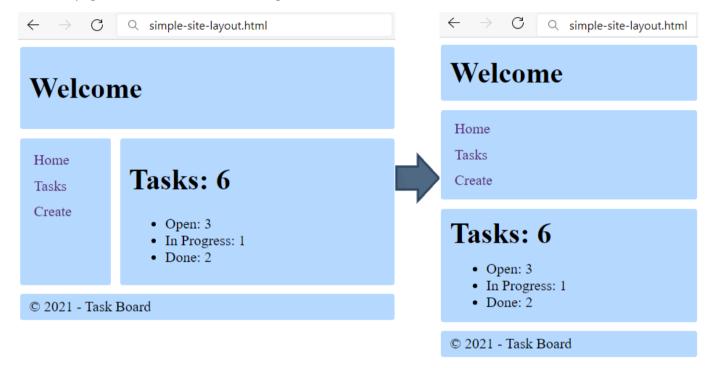
СуперExercise: Responsive Web Design

Problems for exercises and homework for the "HTML and CSS" course @ SoftUni.

1. Responsive Site Layout

Create the following layout and make it responsive by using **media query** to change the flex container behavior.

The Web page should look like the following:



Hints

- Make the body element flex container.
- Make the header element flex container, align the elements center vertically.
- Change the body element flex direction to column when the screen is smaller than 500px.













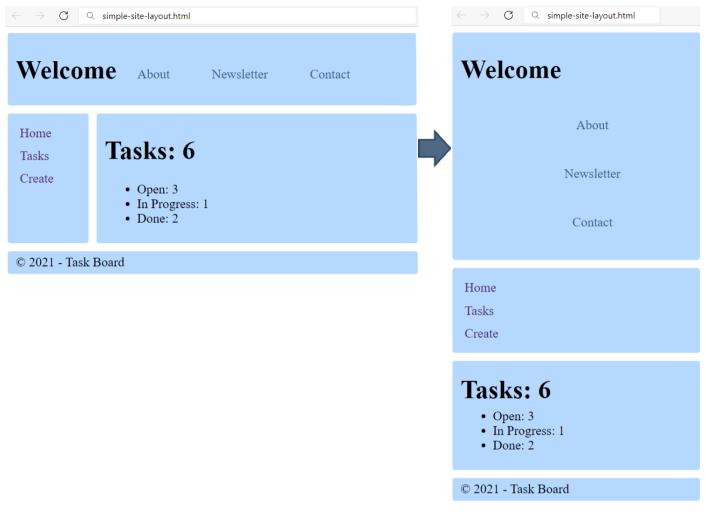




2. Responsive Top Menu

Add to the previous solution **navigation** and make it **responsive** by using **media query**.

The web page should look like the following screenshot:



Requirements

Add in the **header**:

- <nav> tag with:
- tag for unordered list
- tag for list item
- <a>> tag for hyperlink

Make the navigation responsive by using media query. Define a maximum width of 500px, if the screen is less than that:

- the <a> tag in the <nav> need to be displayed as block and with padding-left: 5px
- the tag in the <nav> need to be left with 0 margin and padding









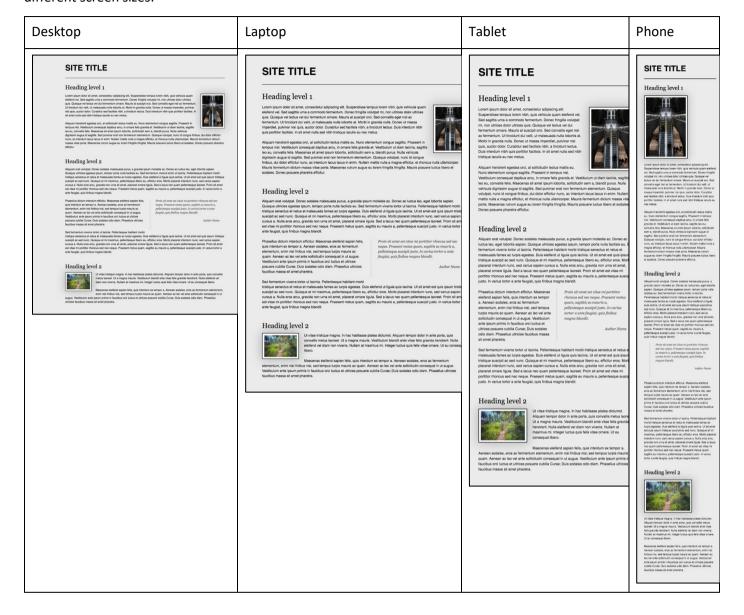






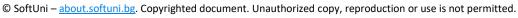
3. Media Queries in Typography

Upgrade your typograpgy.css file from previous homework's with Media Queries. Create the following page for different screen sizes:



- Change the document title to "Media Queries in Typography"
- Make the font size for phones 12px
- Make the font size for screens larger than 500 14px
- Make the font size for screens larger than 600 16px
- Make the font size for screens larger than 800 18px
- Make the font size for screens larger than 1300 21px
- Make the font size for screens larger than 1800 23px













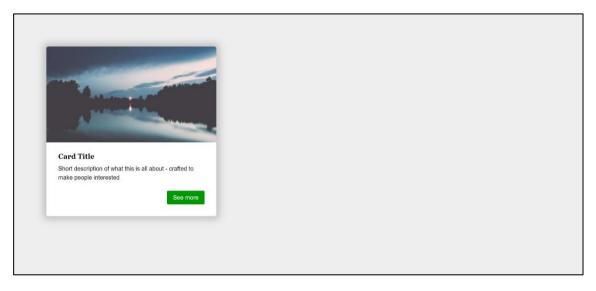






4. Responsive Media Boxes

Create a web page like the following:



- Change the document title to "Responsive Media Boxes"
- Create a **section** with two **div** elements
- You can access the image here
- 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
- Use font **Helvetica**, **sans-serif** for the document











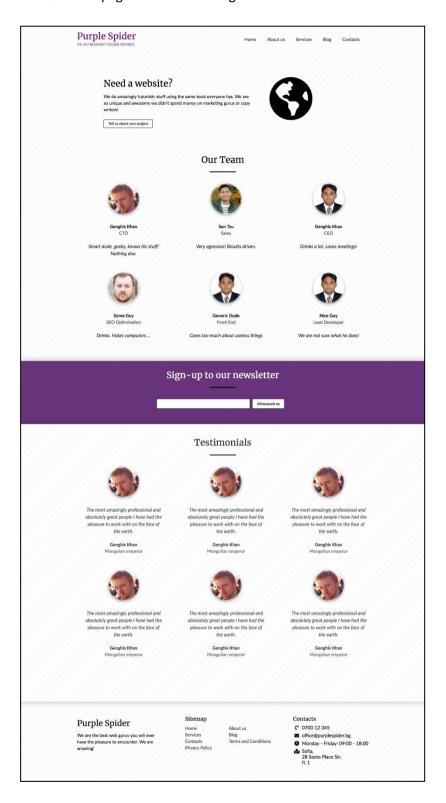






5. Landing Page

Create a web page like the following:



Look at the provided screenshots in resources folder for different screen size's view

















- Change the document title to "Landing Page"
- Get the latest reset.css
- Get the latest typography.css
- Get the latest **buttons.css**
- Get the latest forms.css
- Create a **section** with a title **Need a website**?
- Create a **section** with a title **Our Team**
- Create a section with a title Sign-up to our Newsletter
- Create a **section** with a title **Testimonials**
- Create a footer
- Make the page **responsive** per the screenshots attached















6. Responsive Tables

Create a web page like the following:



Look at the provided screenshots in resources folder for different screen sizes view

- Change the document title to "Responsive Tables"
- Create a table with 3 columns: First Name, Last Name, Job Title
- Get the latest reset.css
- Get the latest typography.css
- Make the table responsive











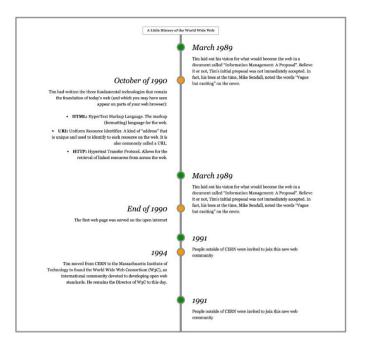






7. Responsive Vertical Timeline

Create a web page like the following:



Look at the provided screenshots in resources folder for different screen sizes view

- Change the document title to "Responsive Vertical Timeline"
- Create a **section** with class **timeline**
 - The section must have
 - Border width 0.3rem
 - Border color **rgb(153, 153, 153)**
 - Border style solid
- Create seven articles (article) in the section
 - Divide article content into header and section
 - The header has h3 heading and the **section** has a paragraph with text inside
 - Style h3 font to italic
- Add media queries for the list to look good on mobile and desktop











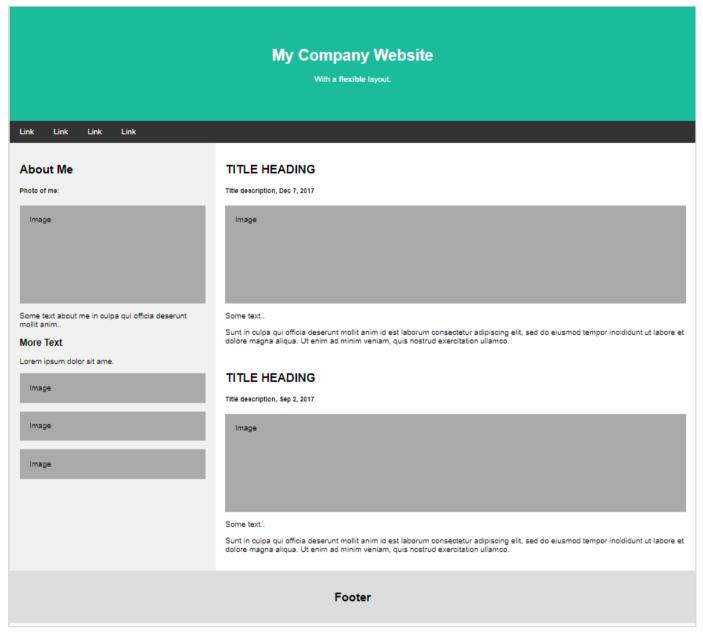






8. Company Web Site

You are given a company web site as HTML. Write the missing styles, to make the site look like this:



Ensure the site behaves correctly on small screens:









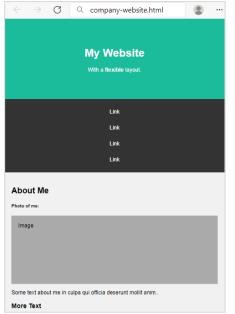


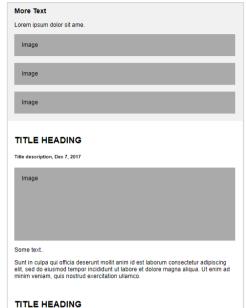














Styles

body

Margin: 0px

Font family: Arial

header

Center the text 0 Padding: 60px 0

Margin: 0px

Background color: #1abc9c

Text color: white

nav

Background color: #333

Top and bottom padding: 14px and 26px from left and right

nav a

Text color: white \circ

Top and bottom padding 14px and 20px from left and right

Align the text to left

Remove the **text decoration**

aside

Background color: #f1f1f1

Padding: 20px

main

Background color: white

Padding: 20px

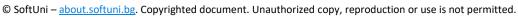
footer

Center the text

Padding: 20px 0

Background color: #ddd



















CSS Media Queries

To make the layout responsive, you need two media queries.

The first query concerns the rearrangement of the body. If the screen is smaller than 700px, display the body as **block** and set the elements one after another.

The second query concerns the style of the navigation bar. If the screen is smaller than **700px**, display the **<a>** tag in the **nav tag** as block and center the text.













