# Exercises: Responsive Design

Problems for exercises and homework for the . Submit your solutions in the SoftUni judge system at .

1. Responsive CV

You are given an unresponsive Web site (**HTML** + **CSS** + images). Your task is to **make the site responsive**. The site layout should change according to the browser viewport / screen size. You need to implement 4 layouts: **width ≤ 480px**, **481px ≤ width < 570px**, **571px ≤ width < 740px** and **width ≥ 740px**:
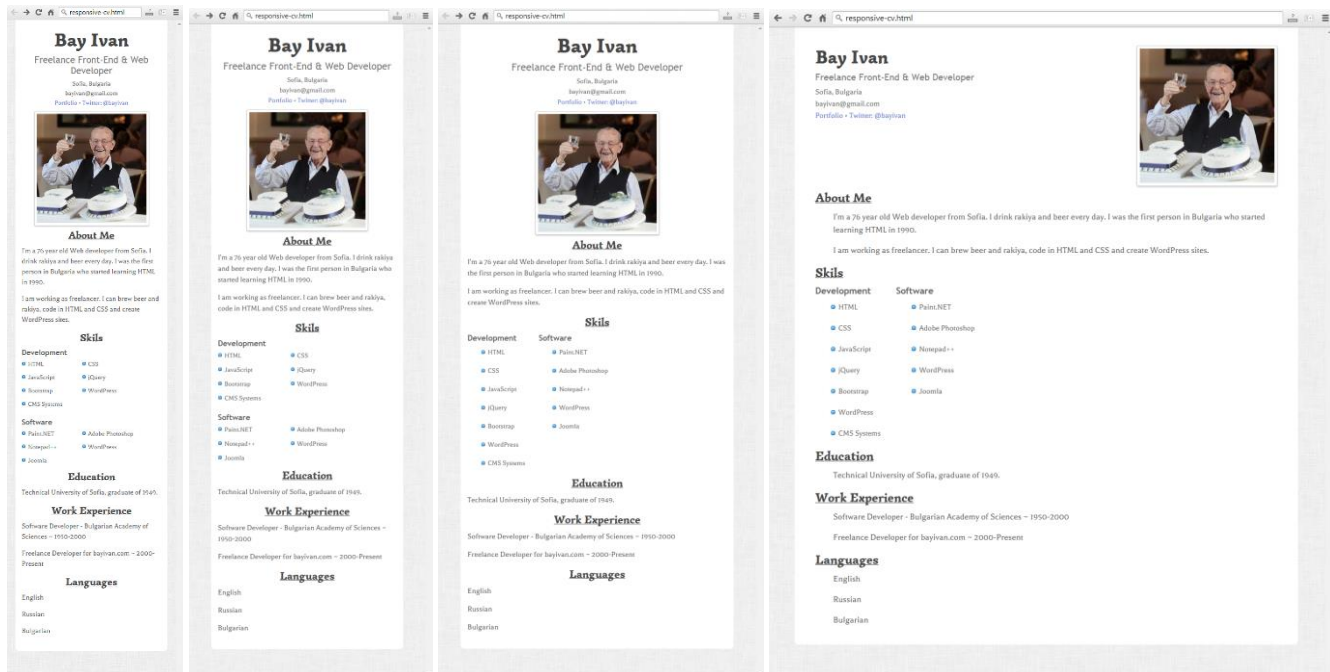
Steps to Follow

Start with creating file named **responsive.css**:

- ```
  @media screen and (max-width: 740px)
  #wrapper {
    padding: 20px 15px;
  }
  h1 {
    font-size: 4.5em;
  }
  h3 {
    font-size: 2.2em;
  }
  h1, h3, h2, small {
    text-align: center;
  }
  #info {
    float: none;
  }
  ```

Follow us:

```css
#photo {
    float: none;
    width: 100%;
    text-align: center;
}
p {
    padding: 0;
}
```

Now test the site in browser.

- **`@media screen and (max-width: 570px)`**

```css
ul li {
    display: inline-block;
    width: 100px;
}

#skills-right ul li:nth-of-type(2) {
    width: 140px;
}
```

- **`@media screen and (max-width: 480px)`**

```css
ul li {
    padding-left: 16px;
    background: url(img/bullet.png) -3px 5px no-repeat;
}
```

Input

You are given the unresponsive site as HTML + CSS + images.

Output

The output should be valid HTML5 + CSS3 + images that implement the above responsive site.

Constraints

You are free to change the CSS

2. Unresponsive Web Site

You are given an unresponsive Web site (**HTML** + **CSS** + images). The website is 960px wide and has whitespaces from the left and the right side (see Figure 1). Your task is to **make the site responsive**. The site layout should change according to the browser viewport / screen size.
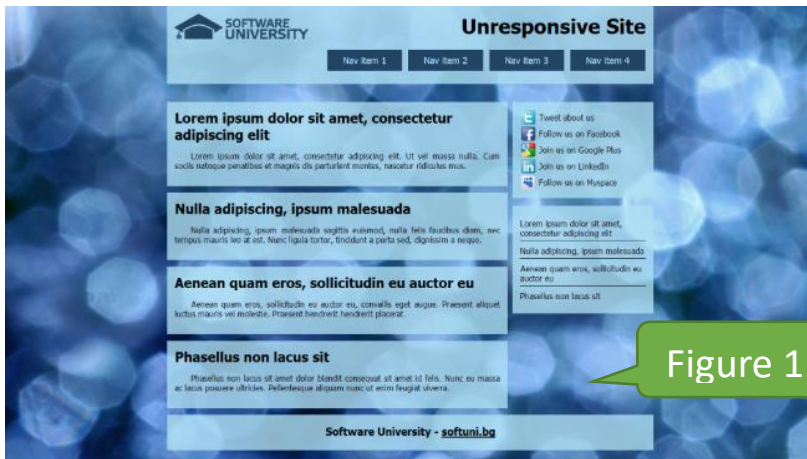
Figure 1

Figure 2

1. From **780px to 960px** – whitespaces disappear, the articles and sidebars scale proportionally with the browser window (see Figure 2).
2. From **640px to 780px** – the menu becomes centered and the menu items are distributed evenly in the entire header (see Figure 3).
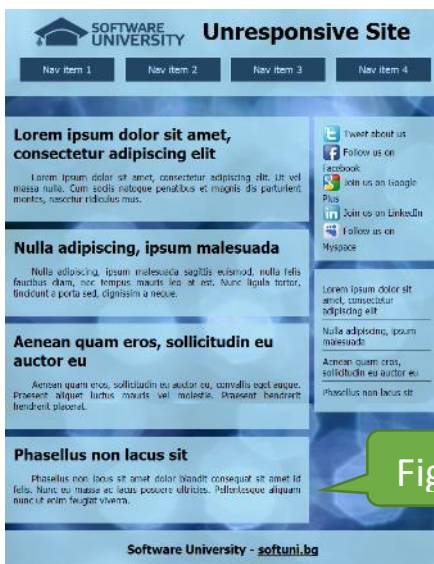
Figure 3
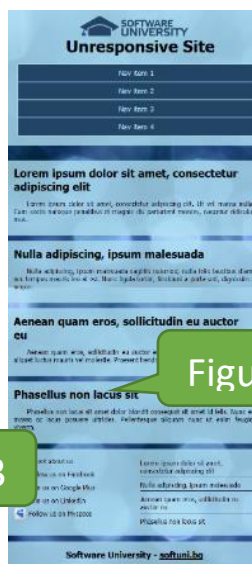
Figure 4
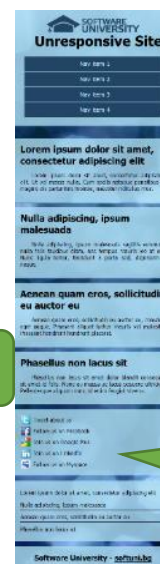
Figure 5

3. From **480px to 640px** – the menu changes again. The sidebars move to the bottom of the page side by side. The header falls under the logo and they are centered (Figure 4).
4. **Under 480px** – the second sidebar falls after the first one (Figure 5).

Input

You are given the unresponsive site as HTML + CSS + images.

Output

The output should be valid HTML5 + CSS3 + images that implement the above responsive site.

Constraints

You are free to change the CSS

3. The Mandarin Bird

You are given an unresponsive Web site (**HTML** + **CSS** + images). Your task is to **make the site responsive**. The site layout should change according to the browser viewport / screen size. You need to implement 2 layouts:

1200px >= width > 730px , **730px >= width >= 500px**. The figures below represent these 3 layouts:
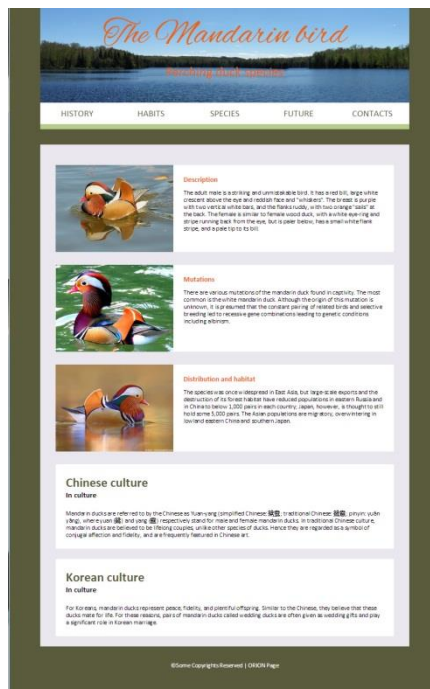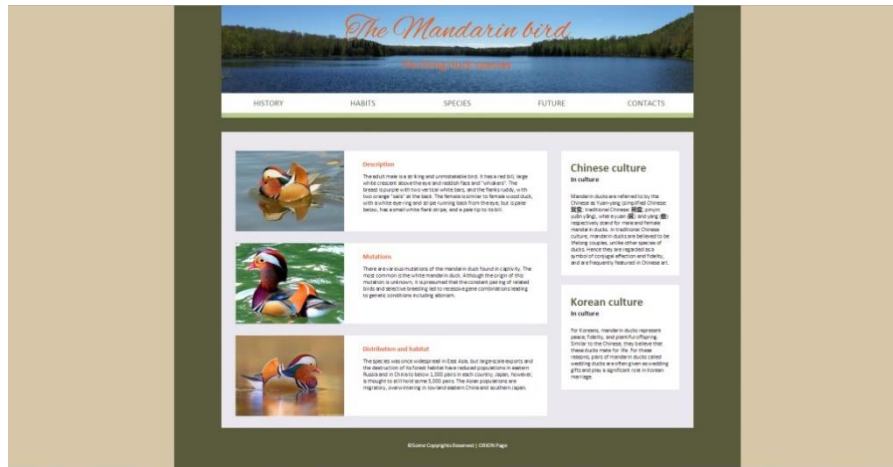
Input

You are given the unresponsive site as HTML + CSS + images.

Output

The output should be valid HTML5 + CSS3 + images that implement the above responsive site.

Constraints

You are free to change the CSS.

4. Product Page

You are given an unresponsive Web site (**HTML** + **CSS** + images). Your task is to **make the site responsive**. The site layout should change according to the browser viewport / screen size. You need to implement 1 layout: **width < 640px**.
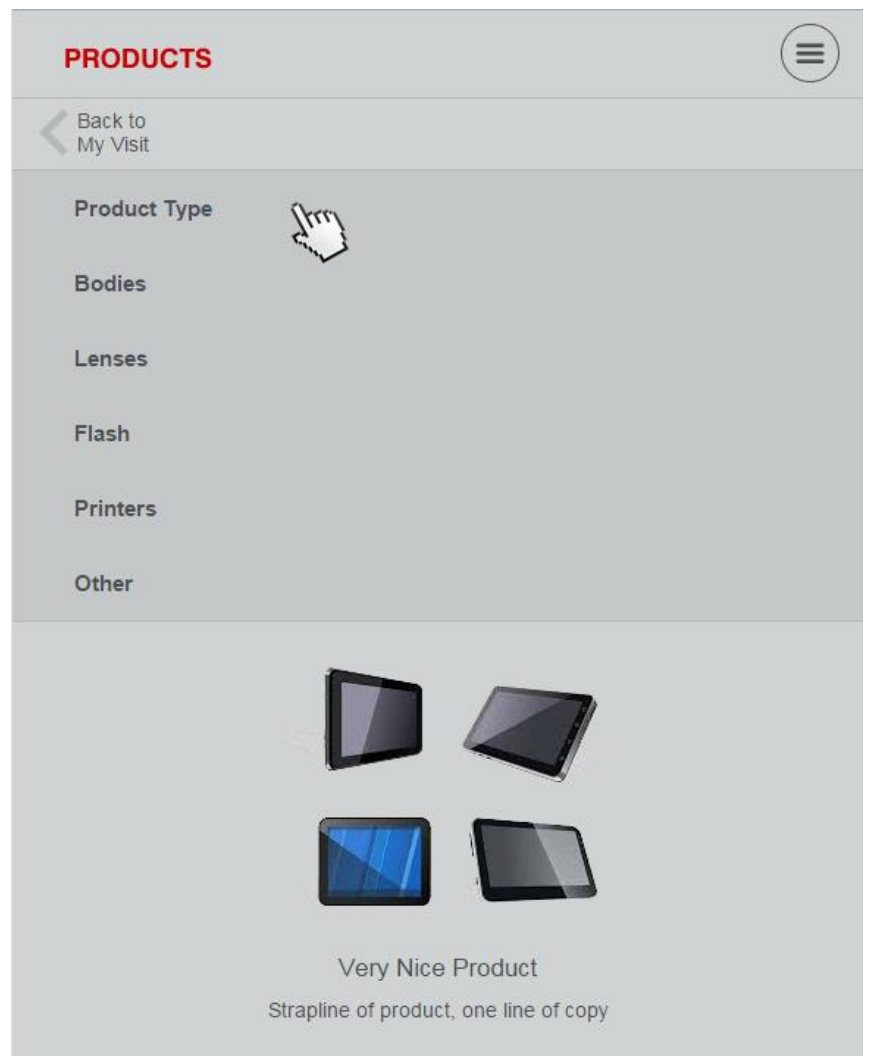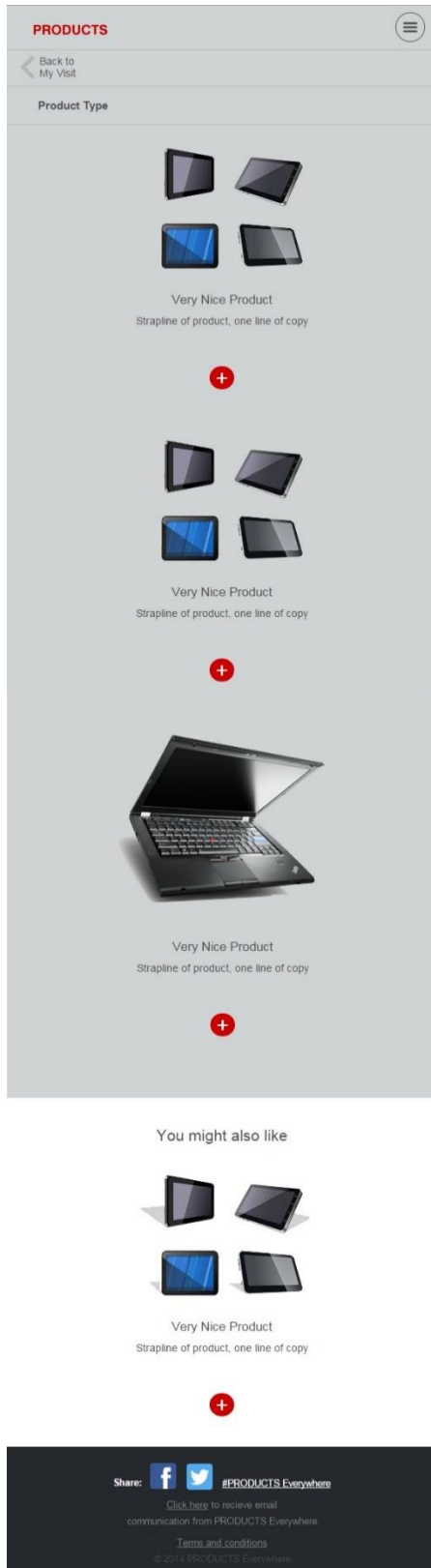
Input

You are given the unresponsive site as HTML + CSS + images.

Output

The output should be valid HTML5 + CSS3 + images that implement the above responsive site.

Constraints

You are free to change the CSS.

5. Responsive Cars

You are given an unresponsive Web site (**HTML** + **CSS** + images). Your task is to **make the site responsive**. The site layout should change according to the browser viewport / screen size. You need to implement 2 layouts: **980px > width > 465px** , **width <= 465px**. The figures below represent these 3 layouts:
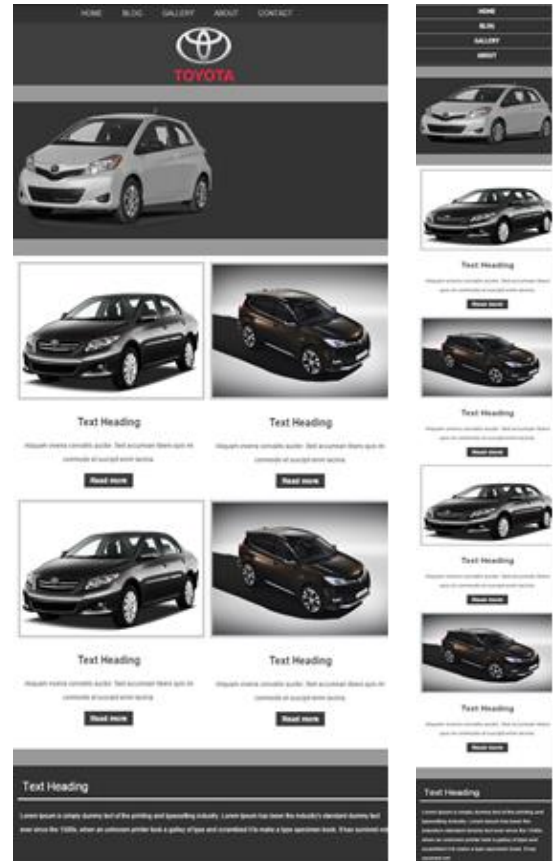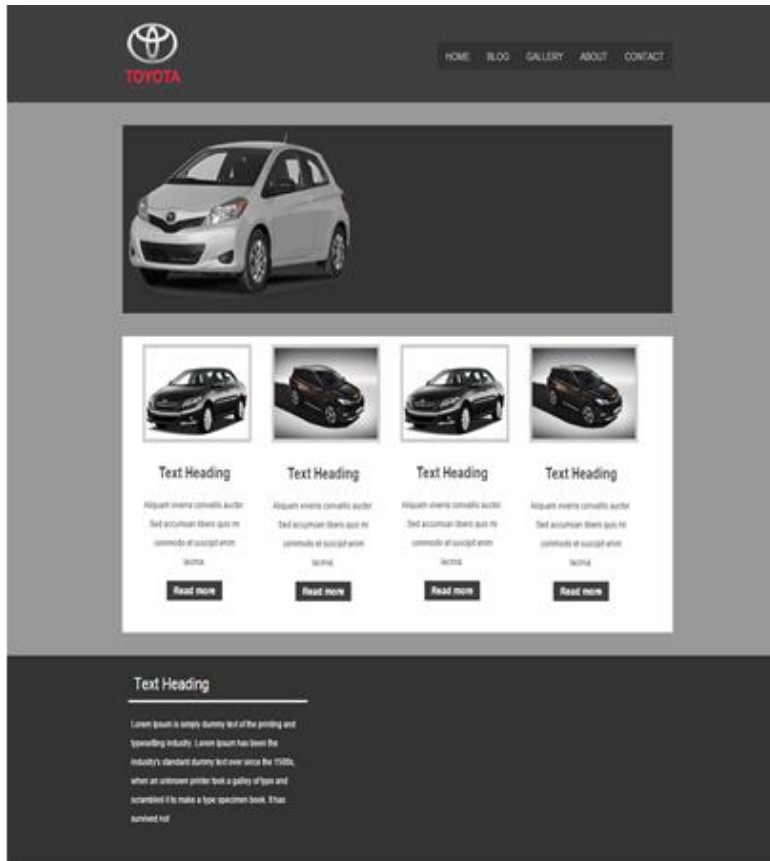
Input

You are given the unresponsive site as HTML + CSS + images.

Output

The output should be valid HTML5 + CSS3 + images that implement the above responsive site.

Constraints

You are free to change the CSS.

6. Planets

You are given an unresponsive Web site (**HTML** + **CSS** + images). Your task is to **make the site responsive**. The site layout should change according to the browser viewport / screen size. You need to implement two additional layouts: **width < 756px**, **756px ≤ width < 1000px**. The figures below represent these two layouts + the unresponsive layout:
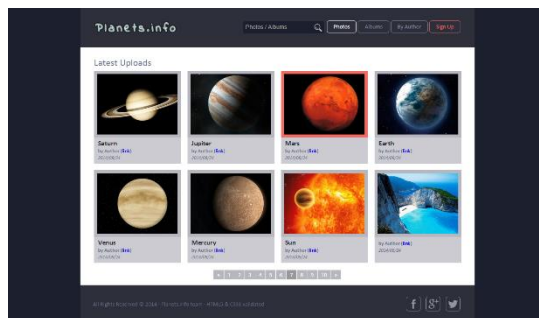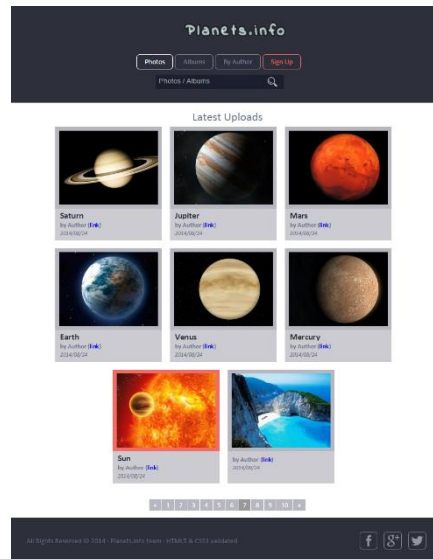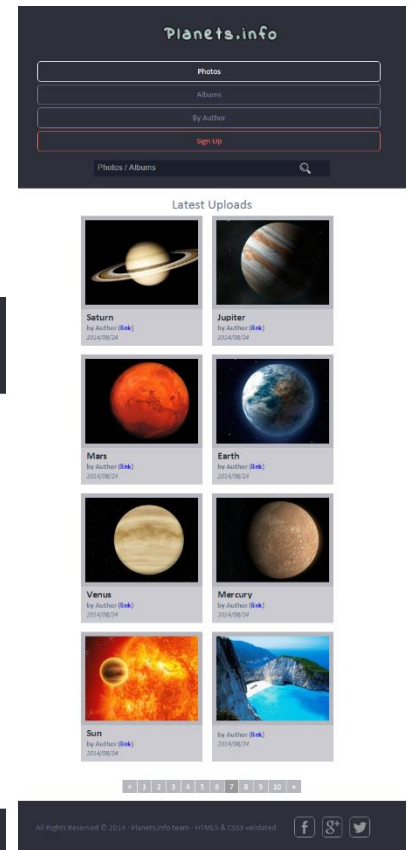
Input

You are given the unresponsive site as HTML + CSS + images.

Output

The output should be valid HTML5 + CSS3 + images that implement the above responsive site.

Constraints

You are free to change the CSS

7. Communication Company

You are given an unresponsive Web site (**HTML** + **CSS** + images). Your task is to **make the site responsive**. The site layout should change according to the browser viewport / screen size. You need to implement 2 layouts:

(**width < 700px**) and **(700px < width < 1200px)**. The figures below represent these 3 layouts:

Input

You are given the unresponsive site as HTML + CSS + images.

Output

The output should be valid HTML5 + CSS3 + images that implement the above responsive site.

Constraints

You are free to change the CSS

Examples

Current: https://invis.io/R38PWNYVP#/191484429_04-Preview-Responsive

To do (under 1200px): https://invis.io/R38PWNYVP#/191484432_04-Preview-Responsive-Under1200px

To do (under 700px): https://invis.io/R38PWNYVP#/191484431_04-Preview-Responsive-Under700px