Lesson 13 – Responsive Website

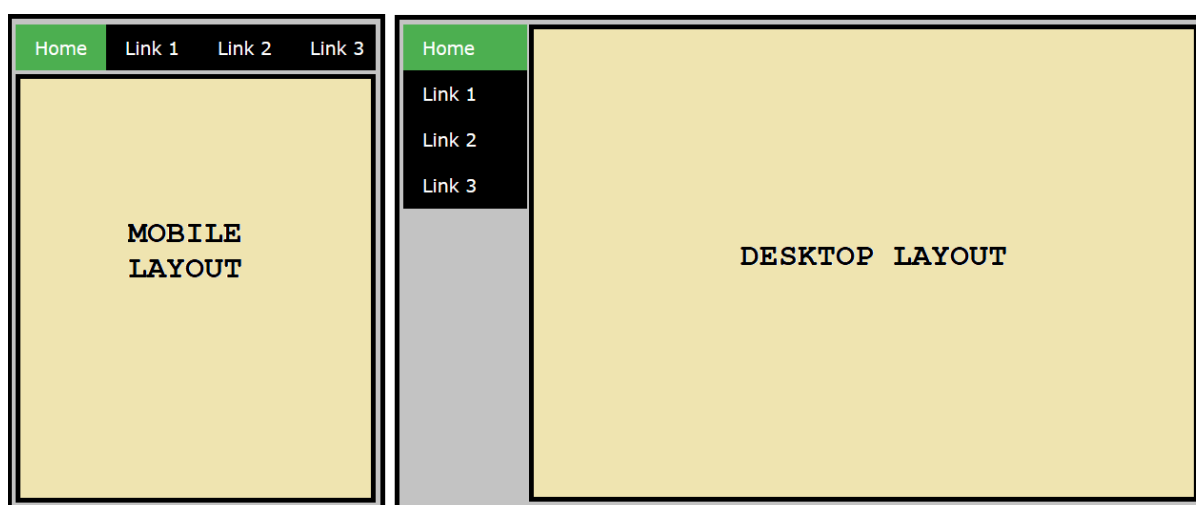**Responsive Web Design:**

- Introduction: https://www.w3schools.com/css/css_rwd_intro.asp
- CSS Viewport: https://www.w3schools.com/css/css_rwd_viewport.asp
- CSS Media Query: https://www.w3schools.com/css/css3_mediaqueries.asp

Task:

- Apply a **responsive design** philosophy to your website.
- Use the stylesheet with **horizonal menu** (created on the last lesson) for **mobile devices**.
- Use the stylesheet with **side menu** (created previously) for **large screens**.

Instructions:
1. First, make sure you have **finished the stylesheet** with a **horizontal menu** (by following the instructions from the previous lesson. ***If NOT, do it FIRST!***
2. Rename the stylesheet with a **horizontal menu** to "mobile.css".
3. Rename the stylesheet with a **side menu** to "desktop.css".
4. Within the **header** of *all the pages*, edit the **link** to your stylesheets as follows:
   ```
   <link rel="stylesheet" media="screen and (max-width: 400px)" href="mobile.css" />
   <link rel="stylesheet" media="screen and (min-width: 400px)" href="desktop.css" />
   ```
5. **Test** the result by changing the **size of a browser window**.
6. **Test** the result by uploading the website to your **NAS www folder** and opening it in a mobile device.
7. Access the page via these links (don't forget to replace **NameSurname** with your **login**):
   o unsecured HTTP protocol:
     ▪ http://gymeske.synology.me:1080/~**NameSurname**/index.html
   o secured HTTPS protocol:
     ▪ https://gymeske.synology.me:1443/~**NameSurname**/index.html

Optional:
1. Create an additional Black&White stylesheet applicable only for **page printing**.
2. Test the result by printing the page as **PDF**.