

# We4Change: Girls and Women Connecting for Environmental Change

We4Change Changemakers Event Curriculum

**Build a landing page using HTML and CSS Framework workshop**



**We4Change** “Girls and Women Connecting for Environmental Change” is a project funded under the Erasmus Plus programme of the European Union that aims to contribute to the EU Youth Strategy by engaging, connecting and empowering young girls and women with digital and innovation skills, increase civic engagement and unlock their changemaking potential to engage in society and have an active role in addressing the challenges posed by climate change. More information and educational resources can be found at <http://we4change.eu/>

Responsible Partner: Asociația pentru Dezvoltarea Tehnologiilor Informaționale TEKEDU



## Build a landing page using HTML and CSS Framework

Define	Give example	Lets practice
<p><b>HTML</b></p> <p><u>What is HTML?</u> HyperText Markup language, one of the oldest markup languages and it describes the structure of a web page</p>	<p><b>Anatomy of Website</b></p> <p>Anatomy of Website and what is the functional role of HTML (<a href="#">link</a>)</p> <p>Structure of HTML (<a href="#">link</a>)</p> <p>What is Doctype tag (Document Type Declaration)? It informs the web browser about the type and version of HTML used in building the web document</p>	<p><b>Let's get started:</b></p> <ol style="list-style-type: none"> <li>1. Download <a href="#">Sublime</a></li> <li>2. Install and open sublime</li> </ol> <p>Lets create a HTML file:</p> <ol style="list-style-type: none"> <li>1. Open sublime. Press "CTRL S" to save a new file as "index.html" in a new folder named "w4c" on your desktop.</li> <li>2. Type "Welcome to We4Change workshop" in the index.html</li> <li>3. Save it "Ctrl S" and view it on your browser</li> </ol>
	<p><b>What are HTML main tags and their uses for building our landing page (<a href="#">link</a>)</b></p> <ol style="list-style-type: none"> <li>1. &lt;html&gt;...&lt;/html&gt;</li> <li>2. &lt;head&gt;...&lt;/head&gt;</li> <li>3. &lt;title&gt;...&lt;/title&gt;</li> <li>4. &lt;body&gt;...&lt;/body&gt;</li> <li>5. &lt;section...&lt;/section&gt;</li> <li>6. &lt;h1&gt;...&lt;/h1&gt;</li> <li>7. &lt;p&gt;...&lt;/p&gt;</li> <li>8. &lt;a&gt;...&lt;/a&gt;</li> <li>9. &lt;img&gt;</li> <li>10. &lt;div&gt;...&lt;/div&gt;</li> <li>11. &lt;ul&gt;...&lt;/ul&gt;</li> <li>12. &lt;li&gt;...&lt;/li&gt;</li> <li>13. &lt;span&gt;...&lt;/span&gt;</li> </ol>	<p><b>Add tags in "Index.html" file in Sublime</b></p> <p>Add doctype tag:</p> <ol style="list-style-type: none"> <li>1. Type &lt;!doctype html&gt;</li> </ol> <p>Add HTML tag:</p> <ol style="list-style-type: none"> <li>1. Type &lt;html&gt; &lt;/html&gt;</li> <li>2. In between the tag, click it and press enter to bring the closing tag below the opening tag</li> </ol> <p>Add Head tag:</p> <ol style="list-style-type: none"> <li>1. Type &lt;head&gt; &lt;/head&gt;</li> <li>2. In between the tag, click it and press enter to bring the closing tag below the opening tag</li> </ol> <p>In head tag, add the following:</p> <ol style="list-style-type: none"> <li>1. Add meta charset: &lt;meta charset="UTF-8"&gt;</li> <li>2. Add meta viewpoint: &lt;meta name="viewport"&gt;</li> </ol>



		<p><i>content="width=device-width, initial-scale=1"&gt;</i></p> <ol style="list-style-type: none"> <li>3. <code>&lt;title&gt;&lt;/title&gt;</code>: Example "HACK Waste"</li> <li>4. Add description of site: <code>&lt;meta name="description" content="insert description here"&gt;</code> Example "No 1 stop platform for learning waste reduction at home"</li> </ol> <p><b>Add body tag: Page content</b></p> <ol style="list-style-type: none"> <li>1. Type <code>&lt;body&gt; &lt;/body&gt;</code></li> <li>2. In between the tag, click it and press enter to bring the closing tag below the opening tag</li> </ol> <p>In body tag, add the following:</p> <ol style="list-style-type: none"> <li>1. Type <code>&lt;section&gt; &lt;/section&gt;</code> <ol style="list-style-type: none"> <li>a. In between the tag, click it and press enter to bring the closing tag below the opening tag</li> </ol> </li> <li>2. Inside <code>&lt;section&gt;</code>, type <code>&lt;div&gt; &lt;/div&gt;</code></li> <li>3. Inside <code>&lt;div&gt;</code>:       <ol style="list-style-type: none"> <li>a. type <code>&lt;h1&gt; &lt;/h1&gt;</code></li> <li>b. In between the tag, click and press enter to bring the closing tag below the opening tag</li> </ol> </li> <li>4. Inside <code>&lt;h1&gt;</code> add "HACK Waste"</li> <li>5. Under closing H1 "<code>&lt;/h1&gt;</code>" tag, type: <code>&lt;p&gt; &lt;/p&gt;</code> <ol style="list-style-type: none"> <li>a. In between the tag, click it and press enter to bring the closing tag below the opening tag</li> </ol> </li> <li>6. Inside <code>&lt;p&gt;</code> "here" <code>&lt;/p&gt;</code>add:</li> </ol>
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- a. “No 1 stop platform for learning waste reduction at home. We are automating waste for making recycling easy”

### **Create new section inside body tag**

1. Type `<section> </section>`
  - a. In between the tag, click and press enter to bring the closing tag below the opening tag
2. Inside `<section>`, type `<div> </div>`
3. Inside `<div>`:
  - a. type `<h2> </h2>`
  - b. In between the tag, click it and press enter to bring the closing tag below the opening tag
4. Inside `<h2>` add “About {HACK Waste}”
5. Under closing H2 “`</h2>`” tag, type: `<div> </div>`
  - a. In between the tag, click it and press enter to bring the closing tag below the opening tag
6. Inside `<div>` tag, add:
  - a. Add image “`<img>`” tag, type: ``
  - b. Below image tag, add paragraph “`<p>`” tag, type: `<p> </p>`
  - c. Inside paragraph “`<p>here</p>`”, paste this test: “*Lorem ipsum dolor sit amet consectetur adipiscing*”



*elit."*

Create footer tag:

1. Type `<footer> </footer>`
  - a. In between the tag, click and press enter to bring the closing tag below the opening tag
2. Inside `<footer>`, type `<div> </div>`
3. Inside `<div>`:
  - a. Add image "`<img>`" tag, type: ``
4. Inside `<footer>`, type another `<div> </div>`
5. Inside `<div>`, add unordered list "`<ul>`", type: "`<ul> </ul>`"
  - a. In between the tag, click and press enter to bring the closing tag below the opening tag
6. Inside `<ul>`, type list "`<li> </li>`" tag
  - a. In between the tag, click and press enter to bring the closing tag below the opening tag
7. Inside `<li>`, add image "`<img>`" tag, type:
  - a. ``



		<ul style="list-style-type: none"> <li>b. <code>&lt;img class="customer-logos__logo " src="assets/img/Logo_EmpowHer.png"&gt;</code></li> <li>c. <code>&lt;img class="customer-logos__logo width-xxxxl@xl" src="assets/img/Logo_Stimmuli.png"&gt;</code></li> </ul> <p>8. Inside <code>&lt;footer&gt;</code>, type another <code>&lt;div&gt; &lt;/div&gt;</code></p> <p>9. Inside <code>&lt;div&gt;</code>, add unordered list <code>&lt;ul&gt;</code>, type: <code>&lt;ul&gt; &lt;/ul&gt;</code></p> <ul style="list-style-type: none"> <li>a. In between the tag, click and press enter to bring the closing tag below the opening tag</li> </ul> <p>10. Inside <code>&lt;ul&gt;</code>, type list <code>&lt;li&gt; &lt;/li&gt;</code> tag</p> <ul style="list-style-type: none"> <li>a. In between the tag, click and press enter to bring the closing tag below the opening tag</li> </ul> <p>11. Inside <code>&lt;li&gt;</code>, add image <code>&lt;img&gt;</code> tag, type:</p> <ul style="list-style-type: none"> <li>a. <code>&lt;img class="customer-logos__logo width-xxxxl@xl" src="assets/img/Logo_Zero.png"&gt;</code></li> <li>b. <code>&lt;img class="customer-logos__logo " src="assets/img/Logo_Tekedu.png"&gt;</code></li> </ul>
<p><b>CSS</b></p> <p><u>What is CSS?</u> It is called Cascade style sheet and used to describe the</p>	<p>In short it makes the website stylish, text bigger or smaller, changing of fonts, adding background patterns, colours etc. It's like a makeup kit</p>	<p>Lets try adding style our paragraph by adding colour to the text</p> <ul style="list-style-type: none"> <li>1. Add <code>"style="color: #0099cc;"</code> inside the opening p <code>&lt;p&gt;</code> tag</li> <li>2. Save and view in browser</li> </ul>



<p>presentation of a document written in HTML.</p>	<p>(<a href="#">link</a>)</p>	<pre>P{ Color: #0099cc; }</pre> <p>Click save and go to index.html</p> <p>In &lt;head&gt; section, type &lt;link rel="stylesheet" href="css/styles.css"&gt;</p> <p>In &lt;body&gt; section, type &lt;p&gt;My name is....&lt;/p&gt;</p> <p>See the result</p>
<p><b>Styling HTML using existing CSS styling framework (CodyHouse)</b></p>	<p>Codyhouse help designers build website easier (<a href="#">link</a>)</p> <p>Cody house is built so easy as copying and pasting codes into your html files</p>	<p>How to link Codyhouse to your HTML file:</p> <ol style="list-style-type: none"> <li>1. Inside &lt;header&gt; tag, add/type: <b>&lt;link rel="stylesheet" href="css/styles.css"&gt;</b>, save and view the page to see the difference</li> </ol> <p>Let start styling: First section</p> <ol style="list-style-type: none"> <li>1. Inside &lt;section&gt;, type <b>class=""</b> <ol style="list-style-type: none"> <li>a. Inside "", type: <b>bg-primary padding-xxl</b></li> </ol> </li> <li>2. In &lt;div&gt; type class="" <ol style="list-style-type: none"> <li>a. Inside "", type: <b>container max-width-sm</b></li> </ol> </li> <li>3. In &lt;h1&gt;, type <b>class=""</b> <ol style="list-style-type: none"> <li>a. Inside "", type: <b>color-accent text-xxxxl</b></li> </ol> </li> <li>4. In &lt;p&gt;, type <b>class=""</b> <ol style="list-style-type: none"> <li>a. Inside "", type: <b>color-white</b></li> </ol> </li> </ol>





		<p>Second section styling</p> <ol style="list-style-type: none"><li>1. Inside &lt;section&gt;, type <b>class=""</b><ol style="list-style-type: none"><li>a. Inside "", type: <b>padding-y-xxl</b></li></ol></li><li>2. In &lt;div&gt; type class=""<ol style="list-style-type: none"><li>a. Inside "", type: <b>container max-width-sm</b></li></ol></li><li>3. In &lt;h2&gt;, type <b>class=""</b><ol style="list-style-type: none"><li>a. Inside "", type: <b>color-accent text-xxxxl</b></li></ol></li><li>4. Type &lt;figure&gt;&lt;/figure&gt;</li><li>5. In between the tag, click it and press enter to bring the closing tag below the opening tag<ol style="list-style-type: none"><li>a. Copy the &lt;img&gt; link and paste it in between &lt;figure&gt; tag</li><li>b. In &lt;figure&gt; type class=""<ol style="list-style-type: none"><li>i. Inside "", type: <b>aspect-ratio-3:2 margin-bottom-md</b></li></ol></li><li>c. Inside &lt;img&gt; tag type class="" type class=""<ol style="list-style-type: none"><li>i. Inside "", type: radius-md</li></ol></li></ol></li></ol> <p>Footer section</p> <ol style="list-style-type: none"><li>1. Inside &lt;footer&gt;, type <b>class=""</b><ol style="list-style-type: none"><li>a. Inside "", type: <b>padding-y-xxl</b></li></ol></li><li>2. In &lt;div&gt; type class=""<ol style="list-style-type: none"><li>a. Inside "", type: <b>container max-width-</b></li></ol></li></ol>
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		<p><b>sm</b></p> <ol style="list-style-type: none"><li>3. In &lt;div&gt; type <b>class=""</b><ol style="list-style-type: none"><li>a. Inside "", type: <b>margin-top-lag</b></li></ol></li><li>4. Inside &lt;ul&gt;, type <b>class=""</b><ol style="list-style-type: none"><li>a. Inside "", type: flex flew-wrap gap-lg flex-center</li></ol></li><li>5. Inside &lt;img&gt;, type <b>class=""</b><ol style="list-style-type: none"><li>a. Inside, type: <b>customer-logos__logo</b></li></ol></li></ol>
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