

Code Snippet	Explanation
<code>&lt;!DOCTYPE html&gt;</code>	Declares the document as HTML5.
<code>&lt;link rel="stylesheet" href="index-css.css"&gt;</code>	Links the HTML page to the separate CSS file, index-css.css, for styling.
<code>&lt;form id="pcBuildForm"&gt;</code>	Defines the main interactive form element, giving it an ID so JavaScript can target it.
<code>&lt;input type="text" name="userName" required&gt;</code>	Creates a text input; the <b>name</b> attribute (userName) is crucial for data collection.
<code>&lt;select id="cpu" name="cpu" required&gt;</code>	Creates a dropdown menu; the <b>name</b> attribute (cpu) is used to pass the selected value.
<code>&lt;option value="Intel i5-14600K"&gt;</code>	Defines a selection option; the string inside the <b>value</b> attribute is the actual data sent upon submission.
<code>event.preventDefault();</code>	Stops the browser's default action of refreshing the page, allowing our script to take control of the data.

Code Snippet	Explanation
<pre>const queryString =   \?name=\${encodeURIComponent(name)}&amp;email=...`;`</pre>	<p>Constructs the URL query string by joining the collected variables with &amp; and safely formatting special characters using <code>encodeURIComponent()</code> .</p>
<pre>const params = new URLSearchParams(window.location.search);</pre>	<p>Creates a special object that automatically parses the URL's query string (the part after the ?) into usable key-value pairs.</p>
<pre>const cpu = params.get('cpu')    'N/A';</pre>	<p>Retrieves the value associated with the key 'cpu' from the URL, if the value is missing, it defaults to 'N/A'.</p>
<pre>const detailsDiv = document.getElementById('confirmationDetails');</pre>	<p>Gets a reference to the container element where the final output will be displayed.</p>
<pre>detailsDiv.innerHTML = \&lt;h2&gt;...&lt;/h2&gt;&lt;p&gt;Name: \${name}&lt;/p&gt;...`;`</pre>	<p>Generates and inject a large block of HTML into the designated container, replacing its previous content.</p>