

W6 PRACTICE

FORMS & INPUTS

What are the objectives for this session?

- ✓ Learn and use various **HTML form input types**
 - *text, checkbox, radio, dropdown, text area, range, color, selector etc.*
- ✓ Apply basic CSS styles to enhance the appearance of form inputs
 - *borders, colors, padding, margins etc.*
- ✓ Use: **:focus :hover :checked :checked :indeterminate** CSS pseudo-classes

How to start?

- ✓ Download **the start code** from the LMS
- ✓ Open the folder in VS Code

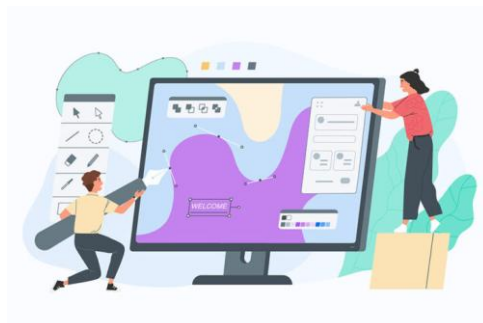
How to submit your work?

- ✓ **Push** your final code on **your GitHub repository**
- ✓ Then **attach the GitHub path** to the MS Team assignment and **turn it in**

Are you lost?

You can read the following documentation to be ready for this practice:

- ✓ [Guide - WC3 School](#)
- ✓ [The Form element](#)
- ✓ [HTML Forms](#)



PART 1: LEARN – 45 MIN

- ✓ **Read or watch** resources on internet to learn about **HTML Inputs**:

[Guide - WC3 School](#)

[The Form element](#)

[HTML Forms](#)

- ✓ **Complete** the bellow table.

INPUT TYPE	USAGE	EXAMPLE
Text	defines a one-line input field for text input	<code><input type="text"></code>
radio	Allows a user to select one option from a small, mutually exclusive set of choices.	<code><input type="radio" name="g" value="male"></code>
checkbox	Allows a user to select zero or more options from a set of choices.	<code><input type="checkbox" name="subscribe"></code>
range	Defines a control for entering a number whose value is not critical (i.e., a slider).	<code><input type="range" min="0" max="100"></code>
submit	Defines a button for submitting the form data to the form-handler (specified in the <code><form action="..."></code> attribute).	<code><input type="submit" value="Send Data"></code>
textarea	Defines a multi-line text input control (not an <code><input></code> type, but a common form element).	<code><textarea name="comment"></textarea></code>
select	Defines a dropdown list from which a user can select one or more predefined options.	<code><select name="country"><option>...</select></code>
color	Defines an input field that is used for specifying a color.	<code><input type="color"></code>
file	Defines a control for users to select one or more files from their device to upload.	<code><input type="file" name="docUpload"></code>

- ✓ **Read or watch** resources on internet to learn about **Inputs styling**:

https://www.w3schools.com/css/css_form.asp

- ✓ Complete those **mini challenges** by writing your code on bellow table:

MINI CHALLENGES	YOUR CODE (HTML + CSS)
Highlight the input field when it is focused	<pre>/* Initial state */ .focus-highlight { border: 2px solid #ccc; transition: border-color 0.2s, box-shadow 0.2s; }</pre>
Change the button background color on hover	<pre>.hover-btn { background-color: #4CAF50; } .hover-btn:hover { background-color: #45a049; /* Just change the color */ }</pre>
Create a search bar with rounded corners and a shadow effect	<pre>.search-input { padding: 10px 15px; border: 1px solid #ccc; width: 300px; border-radius: 25px; box-shadow: 0 4px 8px rgba(0, 0, 0, 0.15); }</pre>
Display a different style when the checkbox is checked	<pre>.styled-label { color: #333; transition: color 0.3s, font-weight 0.3s; }</pre>
<p>HARD!</p> <p>Style a checkbox to have three states: unchecked, checked, and indeterminate.</p> <p>TIP Use CSS pseudo-classes (:checked and :indeterminate) for styling.</p>	<pre>#three-state-box { accent-color: gray; }</pre>

- Some **groups will be selected to present** and **explain** their work to the whole class

PART 2: PRACTICE – 45 MIN

You need to reproduce – *as close as possible* - the bellow table.

Before coding, identify the following point:

- **Elements:** What are the different inputs you will need?
- **Layout:** what kind of CSS layout do you need? Why?
- **Input styling:** What are the styles you need to apply on your inputs?

The mockup is a 'Create Account' form with a light gray header and a dark blue border. The form is organized into a grid-like layout. It includes fields for 'First name *', 'Last name', 'Email*', 'Password *', 'Confirm Password *', 'Gender' (radio buttons for Male and Female), 'Hobbies' (checkboxes for Music, Sports, Travel, Movies), 'Source of Income' (a dropdown menu showing 'Employed'), 'Income' (a range slider set to '20K'), 'Upload Profile Picture' (a file upload button labeled 'Choose File' and the text 'No file chosen'), 'Age' (a text input field with '18'), and a 'Bio' (a large text area). A green 'Create' button is located at the bottom right of the form.

Be as close as possible from this mock up