

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

- ✓ 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; }</pre>
Display a different style when the checkbox is checked	<pre>box-shadow: 0 4px 8px rgba(0, 0, 0, 0.15); .styled-label { color: #333; transition: color 0.3s, font-weight 0.3s; }</pre>
HARD! Style a checkbox to have three states: unchecked, checked, and indeterminate.	
TIP Use CSS pseudo-classes (:checked and :indeterminate) for styling.	<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 form is titled "Create Account". It contains the following fields:

- First name ***: An input field with placeholder "enter your first name".
- Last name**: An input field with placeholder "enter your last name".
- Email***: An input field with placeholder "enter your email".
- Password ***: An input field with placeholder "enter your password".
- Confirm Password ***: An input field with placeholder "enter your password again".
- Gender:** Radio buttons for "Male" and "Female".
- Hobbies**: Checkboxes for "Music", "Sports", "Travel", and "Movies".
- Source of Income**: A dropdown menu showing "Employed".
- Income**: A slider with a value of "20K".
- Upload Profile Picture**: A file input field with placeholder "Choose File" and message "No file chosen".
- Age**: An input field with placeholder "18".
- Bio**: A text area for entering a bio.
- Create**: A green button at the bottom right.

Be as close as possible from this mock up