

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 the user to select only one option from a group	<input type="radio"
checkbox	Allows the user to select multiple options	<input type="checkbox">
range	Lets the user choose a numeric value using a slider	<input type="range" min="0" max="100">
submit	Creates a button that submits the form	<input type="submit">
textarea	Long text input	<textarea rows="4" cols="30"></textarea>
select	Dropdown list allowing single or multiple selections	<select><option>Option 1</option></select>
color	Allows the user to pick a color using a color picker	<input type="color">
file	Allows the user to upload a file	<input type="file">

- ✓ **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><input type="text" class="focus-input" placeholder="Type here... "> .focus-input { padding: 8px; border: 2px solid red; border-radius: 6px; }</pre>
Change the button background color on hover	<pre><button>Submit</button> button:hover { background: blue; }</pre>
Create a search bar with rounded corners and a shadow effect	<pre><input type="search" class="search-bar" placeholder="Search..."> .search-bar { padding: 10px; border-radius: 20px; border: 1px solid black; box-shadow: 0 2px 5px rgba(0,0,0,0.1); }</pre>
Display a different style when the checkbox is checked	<pre><style> .check-container { display: flex; align-items: center; cursor: pointer; } .styled-check { display: none; } .checkmark { width: 18px; height: 18px; border: 2px solid #555; border-radius: 4px; margin-right: 8px; transition: 0.2s; } .styled-check:checked+.checkmark { background: red; border-color: red; } </style> </head></pre>
HARD! Style a checkbox to have three states: unchecked, checked, and indeterminate. TIP Use CSS pseudo-classes (:checked and :indeterminate) for styling.	<pre><body> <label class="check-container"> <input type="checkbox" class="styled-check" /> Accept Terms & Conditions </label></pre>

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

```
Hard
.checkbox {
  appearance: none;
  width: 30px;
  height: 30px;
  border: 2px solid #444;
  border-radius: 6px;
  position: relative;
  cursor: pointer;
}

.checkbox:checked {
  background: red;
  border-color: red;
}

.checkbox:hover {
  background: yellow;
  border-color: yellow;
}

<input type="checkbox" class="checkbox" />
```

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:** A group of radio buttons for "Male" and "Female".
- Hobbies**: A group of checkboxes for "Music", "Sports", "Travel", and "Movies".
- Source of Income**: A dropdown menu currently showing "Employed".
- Income**: A slider control 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 large text area for a bio.
- Create**: A green button at the bottom right.

Be as close as possible from this mock up