

# 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

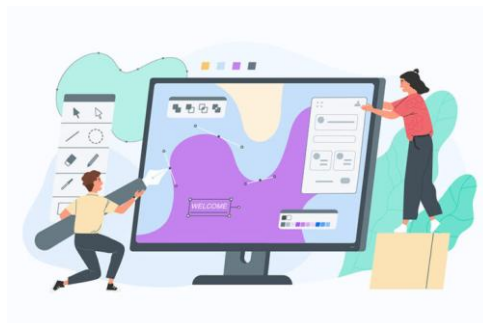
### How to submit your work?

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

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

[https://www.w3schools.com/css/css\\_form.asp](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>&lt;input type="text" class="focus-input" placeholder="Type here..."&gt;  .focus-input {   padding: 8px;   border: 2px solid red;   border-radius: 6px; }</pre>
Change the button background color on hover	<pre>&lt;button&gt;Submit&lt;/button&gt;  button:hover {   background: blue; }</pre>
Create a search bar with rounded corners and a shadow effect	<pre>&lt;input type="search" class="search-bar" placeholder="Search..."&gt;  .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>&lt;style&gt; .check-container {   display: flex;   align-items: center;   cursor: pointer; }  .styled-check {   display: none; }</pre>
<b>HARD!</b> Style a checkbox to have three states: unchecked, checked, and indeterminate.  <b>TIP</b> Use CSS pseudo-classes (:checked and :indeterminate) for styling.	<pre>.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; } &lt;/style&gt; &lt;/head&gt;</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 mockup is a 'Create Account' form with a light gray header and a dark blue border. The form contains the following elements:

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

*Be as close as possible from this mock up*