

# 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

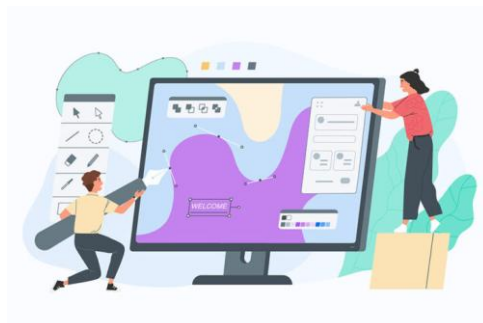
### How to submit your work?

- ✓ **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 one option from a set of choices.	<code>&lt;input type="radio" name="gender" value="male"&gt;</code>
checkbox	Allows the user to select multiple options from a list	<code>&lt;input type="checkbox" name="hobby" value="reading"&gt;</code>
range	Lets the user choose a numeric value from a slider control	<code>&lt;input type="range" min="0" max="100"&gt;</code>
submit	Creates a button that submits the form data	<code>&lt;input type="submit" value="Submit"&gt;</code>
textarea	Defines a multi-line text input area (for long input like comments)	<code>&lt;textarea rows="4" cols="30"&gt; &lt;/textarea&gt;</code>
select	Creates a drop-down list	<code>&lt;select&gt; &lt;option&gt;Apple&lt;/option&gt; &lt;option&gt;Banana&lt;/option&gt; &lt;/select&gt;</code>
color	Lets the user 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	
Change the button background color on hover	
Create a search bar with rounded corners and a shadow effect	
Display a different style when the checkbox is checked	
<b>HARD!</b> Style a checkbox to have three states: unchecked, checked, and indeterminate.  TIP Use CSS pseudo-classes (:checked and :indeterminate) for styling.	

- 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 shows 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**: Large text area for a bio.
- Create**: Green button at the bottom right.

*Be as close as possible from this mock up*