

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	Select one option from multiple choices	<input type="radio">
checkbox	Select MULTIPLE options	<input type="checkbox">
range	Slider input for selecting a number within a range	<input type="range">
submit	Button to submit a form	<input type="submit">
textarea	Multi-line text input	<input type="textarea">
select	Drop-down list	<input type="select">
color	Pick a color	<input type="color">
file	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><!DOCTYPE html> <html> <head> <style> input { padding: 8px; border: 2px solid #ccc; border-radius: 4px; transition: 0.3s; } input:focus { border-color: #007bff; background-color: #e8f0ff; } </style> </head> <body> <input type="text" placeholder="Click here to focus"> </body> </html></pre>
Change the button background color on hover	<pre><!DOCTYPE html> <html> <head> <style> input { padding: 8px; border: 2px solid ; border-radius: 4px; transition: 0.3s; } input:hover { border-color: #007bff; background-color: #e8f0ff; } </style> </head> <body> <input type="submit" placeholder="Submit"> </body> </html></pre>

<p>Create a search bar with rounded corners and a shadow effect</p>	<pre><!DOCTYPE html> <html> <head> <style> .search-bar { width: 250px; padding: 10px 15px; border-radius: 25px; border: 1px solid #ccc; box-shadow: 0 0 8px rgba(0,0,0,0.15); outline: none; transition: 0.3s; } .search-bar:focus { box-shadow: 0 0 10px rgba(0,122,255,0.6); border-color: #007aff; } </style> </head> <body> <input type="text" class="search-bar" placeholder="Search..."> </body> </html></pre>
<p>Display a different style when the checkbox is checked</p>	<pre><!DOCTYPE html> <html> <head> <style> .custom-check { width: 18px; height: 18px; accent-color: #007bff; cursor: pointer; } .custom-check:checked { transform: scale(1.2); transition: 0.2s; } </style> </head> <body> <input type="checkbox" class="custom-check"> </body> </html></pre>
<p>HARD! 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><!DOCTYPE html> <html> <head> <style> .box { width: 20px; height: 20px; appearance: none; border: 2px solid #555;</pre>

```
        cursor: pointer;
        position: relative;
    }

    .box {
        background: #fff;
    }

    .box:checked {
        background: #4caf50;
        border-color: #4caf50;
    }

    .box:checked::after {
        content: "✓";
        color: #fff;
        position: absolute;
        left: 3px;
        top: -2px;
        font-size: 15px;
    }

    .box:indeterminate {
        background: #ffcc00;
        border-color: #ffcc00;
    }

    .box:indeterminate::after {
        content: "";
        width: 12px;
        height: 3px;
        background: #333;
        position: absolute;
        top: 50%;
        left: 50%;
        transform: translate(-50%, -50%);
    }
</style>
head>
<body>
<input type="checkbox" class="box"
indeterminate>
</body>
</html>
```

- 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**: Buttons for "Choose File" and "No file chosen".
- Age**: An input field with placeholder "18".
- Bio**: A large text area for entering a bio.
- Create**: A green button at the bottom right.

Be as close as possible to this mockup