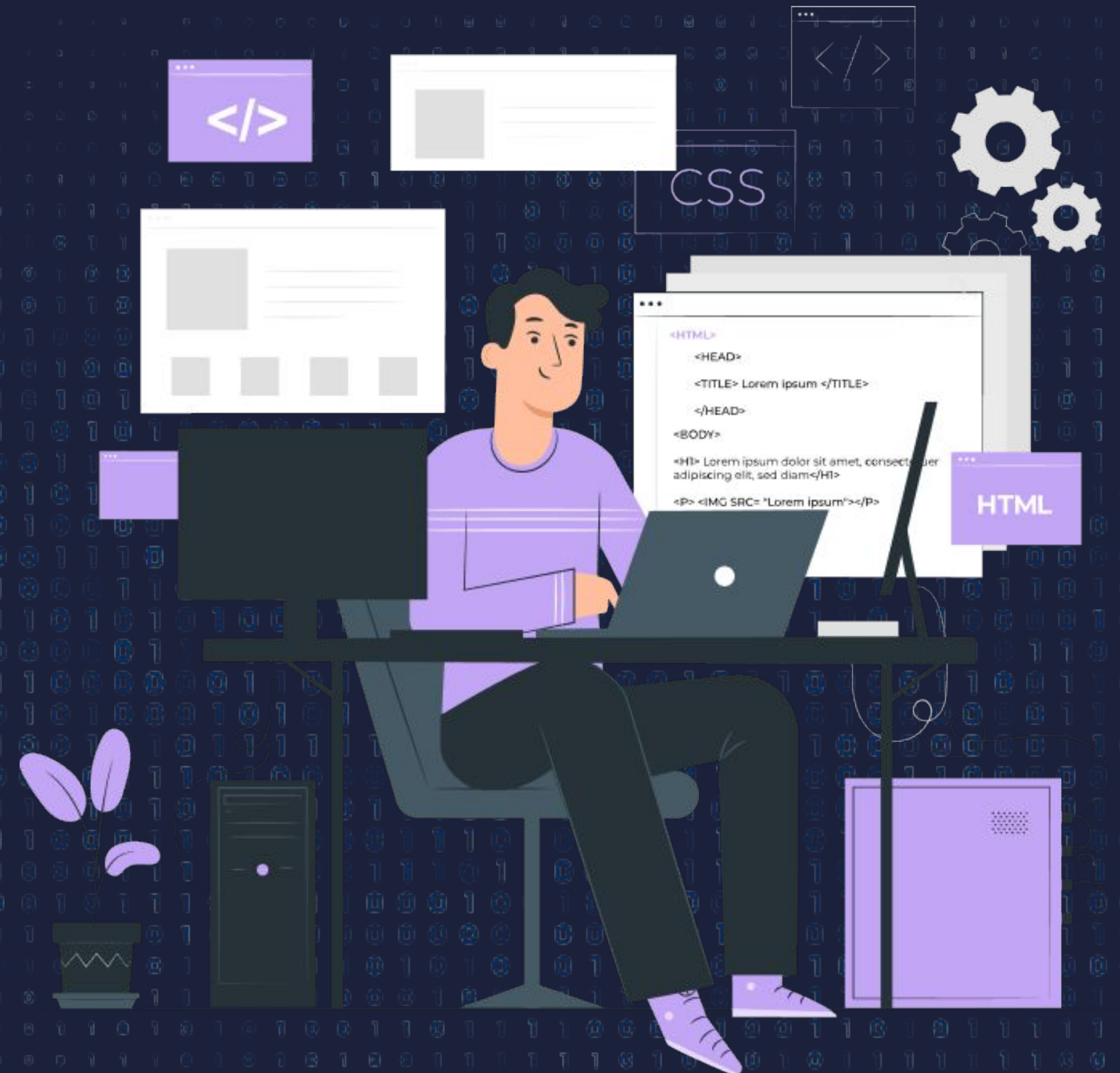


# Input tags and their attributes





# Topics Covered

- Input
- Input Attributes
- Common Input Types
- Legend
- Code example





# Input

The **<input>** HTML element defines Interactive controls.

```
<label for="email">Enter Email: </label>
```

```
<input type="email" name="email" id="email" required>
```

Here **<label>** tags help users to know the purpose of the form control element (input).

**for** attribute specifies the target control element, which allows users to click on the label to focus on the associated form control.



# Input Attributes

- **type:** Type of Input Control
- **name:** Name of Input Control
- **value:** Default value of Input
- **placeholder:** Hint for Input Control
- **required:** Specify input required to be filled





# Example of input attribute

```
<form action="/subscribe" method="get">  
  <label for="email">Enter Email: </label>  
  <input  
    type="number"  
    name="salary"  
    placeholder="Enter your Salary"  
    value="100000"  
    required  
  >  
</form>
```



Initially Input will look like below	When the input is empty, we can see placeholder value.	When a user tries to submit, without filing a value.
<div>Enter Salary: <input type="text" value="100000"/></div> <div>labeldefault value</div>	<div>Enter Salary: <input type="text" value="Enter your Salary"/></div> <div>placeholder</div>	<div>Enter Salary: <input type="text" value="Enter your Salary"/></div> <div><div>! Please fill out this field.</div><div>Required Field</div></div>





# Text

Accepts **Single Line Text**

```
<label for="mailid">Mail Id</label>  
<input type="text" placeholder="Text Input" id="mailid"  
name="mailid" required/>
```

Text Input



# Email

Accepts **Email Address** Only and throws the warning message ,if we try to submit the form with invalid email address

```
<label for="mailid">Mail Id</label>  
<input type="text" placeholder="Text Input" id="mailid"  
name="mailid" required/>
```

Mail Id

! Please include an '@' in the email address.  
'anurag' is missing an '@'.





# Password

Allows used to **Enter Password Securely**

```
<label for="pass">Password</label>
```

```
<input type="password" id="pass" name="pass"/>
```

Password



# Number

Accepts **Numbers Only**

```
<label for="salary">Salary</label>
```

```
<input type="number" id="salary" name="salary" />
```

Salary





# Radio

Allows user to **Select One Options**.

```
<label for="option1">option1</label>
<input type="radio" id="option1" name="selected" value="option1"/>

<label for="option2">option2</label>
<input type="radio" id="option2" name="selected" value="option2"/>

<label for="option3">option3</label>
<input type="radio" id="option3" name="selected" value="option3"/>
```

option1 ☐ option2 ☒ option3 ☐

**Note:** Don't forget to give **value** in-case of checkbox and radio buttons.



# Select and Options

Allows users to **Select Option from a Dropdown**

```
<select name="selected">  
  <option value="Asus">Asus</option>  
  <option value="Lenovo">Lenovo</option>  
  <option value="Apple">Apple</option>  
  <option value="Dell">Dell</option>  
</select>
```







# TextArea

Accepts **Multiple Line Text**

```
<textarea name="selected" rows="5" cols="33"> </textarea>
```

Mutiple  
Line  
Input



# Details

Disclose Widget, **Shows Info in Open State**

```
<details>
  <summary>Topic Name</summary>
  Topic Details Here
</details>
```

Close State	Open State
► Topic Name	▼ Topic Name Topic Details are Here





# Submit

Allows to **Submit Information** to the server.

```
<input type="submit" />
```

Submit



# Datalist

The `<datalist>` tag is used to provide an "autocomplete" feature for `<input>` elements. Users will see a drop-down list of pre-defined options as they input data.

```
<form>
  <input list="browsers" name="browser" id="browser">
  <datalist id="browsers">
    <option value="Edge">
    <option value="Firefox">
    <option value="Chrome">
    <option value="Opera">
    <option value="Safari">
  </datalist>
  <input type="submit">
</form>
```

## The datalist element

Choose your browser from the list:

- Edge
- Firefox
- Chrome
- Opera
- Safari





# Legend

The `<legend>` HTML element represents a caption for the content of its parent `<fieldset>`.

```
<fieldset>
  <legend>Choose your favorite monster</legend>

  <input type="radio" id="kraken" name="monster" value="K">
  <label for="kraken">Kraken</label><br>

  <input type="radio" id="sasquatch" name="monster" value="S">
  <label for="sasquatch">Sasquatch</label><br>

  <input type="radio" id="mothman" name="monster" value="M">
  <label for="mothman">Mothman</label>
</fieldset>
```

Choose your favorite monster

☐ Kraken

☐ Sasquatch

☐ Mothman



# Code example

```
<fieldset>
  <legend>user details</legend>
<form action="#" method="GET">
  <!-- name (input text) -->
  <div>
    <label for="name"> Name </label>
    <input type="text" name="Name" id="name" required placeholder="Name" />
  </div>
  <!-- age (input number)-->
  <div>
    <label for="age">Age</label>
    <input type="number" name="Age" id="age" required placeholder="Age" />
  </div>
  <!-- email (input email)-->
  <div>
    <label for="email">Email</label>
    <input type="email" name="Email" id="email" required placeholder="Email" />
  </div>
  <!-- gender (input radio) -->
  <div>
    Gender:
    <label for="male">male</label>
    <input type="radio" id="male" name="Gender" value="male" />

    <label for="female">female</label>
    <input type="radio" id="female" name="Gender" value="female" />

    <label for="other">other</label>
    <input type="radio" id="other" name="Gender" value="other" />
  </div>
  <!-- skills (input checkbox) -->
  <div>
    Skills :
    <label for="HTML">HTML</label>
    <input type="checkbox" id="HTML" name="skill" value="HTML" checked/>

    <label for="CSS">CSS</label>
    <input type="checkbox" id="CSS" name="skill" value="CSS" />

    <label for="javascript">javascript</label>
    <input type="checkbox" id="javascript" name="skill" value="javascript" />
  </div>
  <!-- submit -->
  <input type="submit">
</form>
</fieldset>
```

## Browser output

user details

Name

Age

Email

Gender: male ☒ female ☐ other ☐

Skills : HTML ☒ CSS ☐ javascript ☐





▶ THANK YOU ◀