



# HTML Forms

The `form` HTML element represents a document section containing interactive controls for submitting information.

The diagram illustrates the structure of an HTML form element. It starts with the opening tag <form>, followed by a green oval containing the text "process of collection is changed". Above the oval, the word "backend server" is underlined with a black arrow pointing towards it. The entire structure is enclosed in a large green oval, with a yellow vertical bar on the right side.

```
<form>
  process of collection
  is changed
</form>
```

we will use  
use html  
form

← digitalize

1

to collect the data  
from the user

Traditional way  
for pen & paper

# Attributes in Forms

- **action**  $\Rightarrow$  

The **URL** that processes the form submission.

## Syntax:

```
<form action="./script.js">
```

</form>

2



→ Label represents a caption for an item in a user interface

### Syntax:

```
</label>  
|  
|  
|  
|  
<label>
```

input

helps to take data from  
the user collect

document

Genre → dob  
→ password → file  
→ email



3



## label: Method1

#3

```
<label>  
| Enter your username  
<input type="text" placeholder="username" />  
</label>
```

??

4



## label: Method 2

#3

```
<label for="name">Enter your username:</label>  
<input type="text" id="name" placeholder="Username" />  
~ new method
```



## Form Buttons

#3

In a form, the `<button>` element creates a clickable button that can be used to submit the form, reset its fields, or perform custom actions.

`<button> Submit </button>`

`<input type="button" value="Submit" />`

Submit



## Name attribute

#3

The name attribute assigns an identifier to a form input for data submission and retrieval.



## Common Input Types

1. TextArea
2. Checkbox
3. Radio Button
4. DropDown / Select
5. Range



Context

only one option

only option

tip

10 20 30

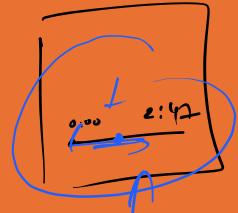
8

范围

Range

spotify / Tio / —

} multiple options



Range



## Text Area

→ A textarea element in a form is a multi-line input field that allows users to enter long text content.

7

9



## Checkbox

→ <input> elements of type checkbox let users select or deselect one or more options in a form, typically shown as small square boxes.

Menu

#3

- chicken dum  
□ Panner biryani?  
 starters  
□ drinks (coke, sprite) }  
□ sweets

10



## Radio ✓

#3

→ <input> elements of type radio are used in groups to let users choose one option from related choices.

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## Select

#3

→ The <select> HTML element represents a control that provides a menu of options

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## Range →

→ Range let users select a numeric value within a set range, typically using a slider instead of typing a number directly.

7

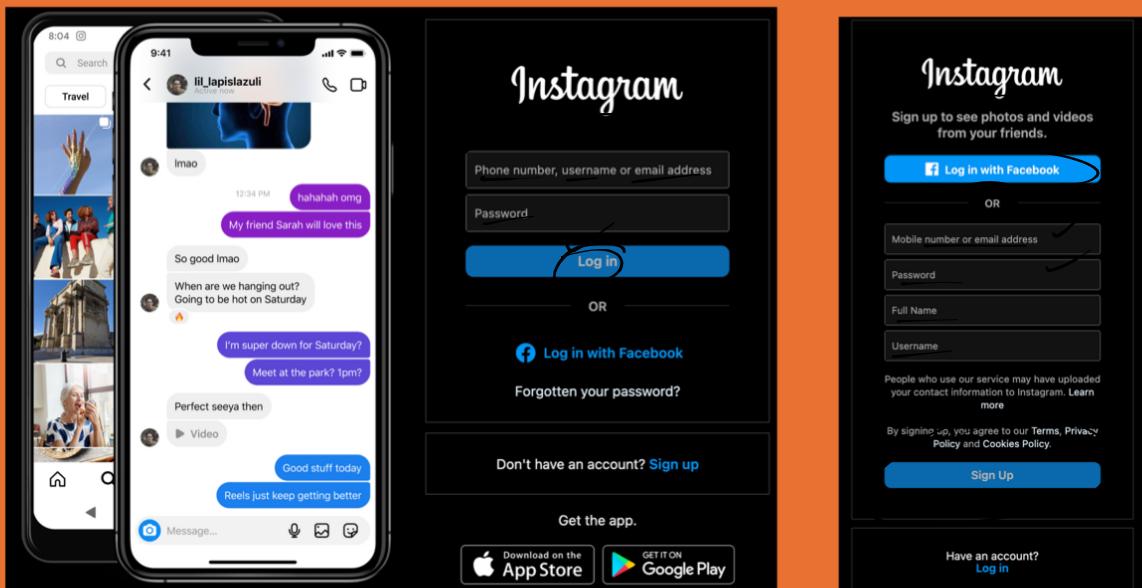
#3

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## Practical Application for Forms

#3



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Let's recall what we've learned so far

#3



## LET'S RECALL WHAT WE'VE LEARNED SO FAR

- FORM
- Attr (action)
- input
- label
- checkbox
- textarea
- radio
- range
- select

#4

#4  
D