

Form Elements: Radio, Checkbox, Select, Textarea

Radio Buttons

Use radio buttons when users need to **select only one** option from a group.

```
<p>Choose your gender:</p>
<input type="radio" id="male" name="gender" value="male">
<label for="male">Male</label><br>

<input type="radio" id="female" name="gender" value="female">
<label for="female">Female</label>
```

- All radio buttons in a group should have the **same name** .
- Only one option can be selected.

Checkboxes

Use checkboxes when users can **select multiple** options.

```
<p>Select your hobbies:</p>
<input type="checkbox" id="reading" name="hobby" value="reading">
<label for="reading">Reading</label><br>

<input type="checkbox" id="sports" name="hobby" value="sports">
<label for="sports">Sports</label><br>
```

```
<input type="checkbox" id="music" name="hobby" value="music">
<label for="music">Music</label>
```

Dropdown List (Select Menu)

Use the `<select>` tag with `<option>` to let users pick one option from a dropdown.

```
<label for="city">Choose a city:</label>
<select id="city" name="city">
  <option value="delhi">Delhi</option>
  <option value="mumbai">Mumbai</option>
  <option value="bangalore">Bangalore</option>
</select>
```

Textarea (Multiline Input)

Use the `<textarea>` tag to let users type multiple lines of text.

```
<label for="message">Your Message:</label><br>
<textarea id="message" name="message" rows="4" cols="30"></textarea>
```

Tip

- Use radio buttons for single choice questions.
- Use checkboxes for multiple selections.
- Use `select` for compact dropdowns.
- Use `textarea` for longer user input like comments or messages.