

# ★ HTML Form & Input Tag — Complete Notes

## 1) <form> Tag Kya Hota Hai?

**Form tag** HTML me **user se data collect** karne ke liye use hota hai.

Jaise:

- Login form
- Signup form
- Contact form
- Feedback form
- Order form

### ✓ Basic Syntax:

```
<form action="server.php" method="post">  
    ...inputs here...  
</form>
```

---

## ★ 2) Important Attributes of <form>

### Attribute Use

**action** Data kis file / server pe bhejna hai

**method** Data GET hoga ya POST

**enctype** File upload ke liye required

### ✓ Example:

```
<form action="submit.php" method="post">
```

### GET vs POST

- **GET** → data URL me dikhega
  - **POST** → data hidden & secure
- 

## ★ 3) <input> Tag Kya Hota Hai?

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Input tag se user data enter karta hai.

Ye **self-closing tag** hota hai.

## ✓ Basic Input:

```
<input type="text" name="username">
```

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## ★ 4) Input Types (MOST IMPORTANT)

HTML me input ke bahut saare types hote hain. Neeche sab ke examples hain ↗

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### ◆ 1) Text Input

```
<input type="text" name="fullname" placeholder="Enter your name">
```

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### ◆ 2) Email Input

```
<input type="email" name="email" placeholder="Enter your email">
```

---

### ◆ 3) Password Input

```
<input type="password" name="pass" placeholder="Enter password">
```

---

### ◆ 4) Number Input

```
<input type="number" name="age" min="1" max="100">
```

---

### ◆ 5) Date Input

```
<input type="date" name="birthdate">
```

---

### ◆ 6) Mobile Number (tel)

```
<input type="tel" name="mobile" placeholder="9876543210">
```

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## ◆ 7) Radio Button (single selection)

```
<label><input type="radio" name="gender" value="male"> Male</label>
```

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

---

## ◆ 8) Checkbox (multiple selection)

```
<label><input type="checkbox" name="hobby[]" value="music"> Music</label>
```

```
<label><input type="checkbox" name="hobby[]" value="sports"> Sports</label>
```

---

## ◆ 9) File Upload

```
<input type="file" name="resume">
```

⚠ Form me file upload ho to **enctype="multipart/form-data"** zaroor lagana.

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## ◆ 10) Submit Button

```
<input type="submit" value="Send">
```

---

## ◆ 11) Reset Button (clear form)

```
<input type="reset" value="Clear">
```

---

## ◆ 12) Hidden Input

```
<input type="hidden" name="userid" value="12345">
```

---

## ◆ 13) Color Picker

```
<input type="color" name="favcolor">
```

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## ◆ 14) Range Slider

```
<input type="range" name="volume" min="0" max="100">
```

---

## ★ 5) textarea Tag (long text)

```
<textarea name="message" rows="5" cols="30" placeholder="Enter message"></textarea>
```

---

## ★ 6) select (Dropdown)

```
<select name="city">  
    <option value="delhi">Delhi</option>  
    <option value="mumbai">Mumbai</option>  
    <option value="jaipur">Jaipur</option>  
</select>
```

---

## ★ 7) label Tag

Label user ko input ka naam dikhata hai.

```
<label for="username">Enter Username:</label>  
<input type="text" id="username" name="username">
```

---

## ★ 8) Complete Example Form (Perfect for Notes)

```
<form action="submit.php" method="post" enctype="multipart/form-data">  
  
<label>Full Name:</label>  
<input type="text" name="fullname" required>  
  
<label>Email:</label>
```

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

```
<label>Password:</label>
```

```
<input type="password" name="password" required>
```

```
<label>Gender:</label><br>
```

```
<input type="radio" name="gender" value="male"> Male
```

```
<input type="radio" name="gender" value="female"> Female
```

```
<label>Hobbies:</label><br>
```

```
<input type="checkbox" name="hobby[]" value="music"> Music
```

```
<input type="checkbox" name="hobby[]" value="sports"> Sports
```

```
<label>City:</label>
```

```
<select name="city">
```

```
  <option value="delhi">Delhi</option>
```

```
  <option value="mumbai">Mumbai</option>
```

```
</select>
```

```
<label>Message:</label>
```

```
<textarea name="message"></textarea>
```

```
<label>Upload File:</label>
```

```
<input type="file" name="resume">
```

```
<input type="submit" value="Submit Form">
```

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</form>

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## ★ 9) Summary (Short Notes)

- <form> data collect karta hai.
- action = server file
- method = GET / POST
- <input> = user input field
- Types: text, email, password, number, radio, checkbox, file, date, range
- <textarea> long text ke liye
- <select> dropdown ke liye
- <input type="submit"> form submit karta hai