

## Lab Exercise 1

**Title:** Assignment on HTML

### Objectives:

1. Design an HTML form to take inputs for placing orders for customized T-shirts, using HTML only

Suggestion:

Tagline on the Shirt: A text input field to enter the tagline.

Color: A dropdown menu to select the T-shirt color.

Size: A dropdown menu to select the T-shirt size.

Quantity: A number input field to specify the quantity.

Delivery Date: A date input field to select the delivery date.

Delivery Details: Text fields for the recipient's name, address, email, and phone number.

Additional Comments: A text area for any additional comments or special instructions.

Ensure the form includes the following HTML5 form elements and features:

- `<form>` tag with `action` and `method` attributes
- Appropriate use of input types such as `text`, `email`, `number`, and `date`
- Dropdown menus (`<select>` and `<option>` tags) for color and size selection
- Labels (`<label>` tags) for each input field
- Submit and reset buttons (`<button>` or `<input type="submit">` and `<input type="reset">`)
- Placeholder text and fieldset for grouping related fields
- Form validation attributes like `required` and `pattern`

### Theory

1. What is HTML?
2. What are Tags?
3. State what are Block level Tags
4. Mention the various HTML Text Formatting Tags
5. Define Semantic Tags.

### Hosted Page:

GitHub Repo for Assignment 1b: <https://github.com/nishant-3333/IP-Lab>

Hosted link of Assignment 1b: <https://github.com/nishant-3333/IP-Lab>

### Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Customized T-Shirt Order Form</title>
  <style>
    body {
```

```
font-family: Arial, sans-serif;
background-color: #f4f4f4;
margin: 0;
padding: 20px;
}
h1 {
text-align: center;
color: #333;
}
form {
max-width: 600px;
margin: 0 auto;
background: white;
padding: 20px;
border-radius: 5px;
box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
fieldset {
border: 1px solid #ccc;
border-radius: 5px;
padding: 20px;
margin-bottom: 20px;
}
legend {
padding: 0 10px;
font-weight: bold;
color: #555;
}
label {
display: block;
margin-bottom: 5px;
font-weight: bold;
}
input[type="text"],
input[type="number"],
input[type="date"],
input[type="tel"],
input[type="email"],
select,
textarea {
width: 100%;
padding: 10px;
margin-bottom: 15px;
border: 1px solid #ccc;
border-radius: 4px;
}
textarea {
resize: vertical; /* Allow vertical resizing only */
}
button[type="submit"],
input[type="reset"] {
width: 48%;
padding: 10px;
border: none;
```

```

border-radius: 5px;
background-color: #5cb85c;
color: white;
font-size: 16px;
cursor: pointer;
margin-right: 2%;
transition: background-color 0.3s;
}
button[type="submit"]:hover,
input[type="reset"]:hover {
    background-color: #4cae4c;
}
input[type="reset"] {
    background-color: #d9534f;
}
input[type="reset"]:hover {
    background-color: #c9302c;
}
</style>
</head>
<body>
<h1>ThreadCrafter: Order Your Customized T-Shirt</h1>
<form action="/submit-order" method="post">
    <fieldset>
        <legend>T-Shirt Customization</legend>
        <label for="tagline">Tagline on the Shirt:</label>
        <input type="text" id="tagline" name="tagline" placeholder="Enter your tagline here" required>
        <label for="color">Color:</label>
        <select id="color" name="color" required>
            <option value="">Select a color</option>
            <option value="red">Red</option>
            <option value="blue">Blue</option>
            <option value="green">Green</option>
            <option value="black">Black</option>
            <option value="white">White</option>
        </select>
        <label for="size">Size:</label>
        <select id="size" name="size" required>
            <option value="">Select a size</option>
            <option value="s">Small</option>
            <option value="m">Medium</option>
            <option value="l">Large</option>
            <option value="xl">X-Large</option>
            <option value="xxl">XX-Large</option>
        </select>
        <label for="quantity">Quantity:</label>
        <input type="number" id="quantity" name="quantity" min="1" max="100" required>
        <label for="deliveryDate">Delivery Date:</label>
        <input type="date" id="deliveryDate" name="deliveryDate" required>
        <legend>Delivery Details</legend>
        <label for="recipientName">Recipient's Name:</label>
        <input type="text" id="recipientName" name="recipientName" placeholder="Enter recipient's name" required>
        <label for="address">Address:</label>
        <input type="text" id="address" name="address" placeholder="Enter delivery address" required>
    </fieldset>
</form>

```

```

<label for="email">Email:</label>
<input type="email" id="email" name="email" placeholder="Enter recipient's email" required>
<label for="phone">Phone Number:</label>
<input type="tel" id="phone" name="phone" placeholder="Enter recipient's phone" pattern="[0-9]{10}"
required>
<label for="comments">Additional Comments:</label>
<textarea id="comments" name="comments" rows="4" placeholder="Any special instructions"></textarea>
<button type="submit">Submit Order</button>
<input type="reset" value="Reset Form">
</fieldset>
</form>
</body>
</html>

```

**Screenshot:**

## ThreadCrafter: Order Your Customized T-Shirt

### T-Shirt Customization

**Tagline on the Shirt:**

**Color:**

**Size:**

**Quantity:**

**Delivery Date:**

**Delivery Details**

**Recipient's Name:**

**Address:**

**Email:**

**Phone Number:**

**Additional Comments:**

**Submit Order**

**Reset Form**