

- **Definition:**
 - The boilerplate is the basic structure of an HTML document.
 - It includes the `<!DOCTYPE html>` declaration, `<html>` tag, `<head>` section, and `<body>` section.
- **Functions:**
 - `<!DOCTYPE html>`: Declares the document as HTML5.
 - `<html>`: The root element that contains all the content of the webpage.
 - `<head>`: Contains metadata, links to stylesheets, and the page title.
 - `<body>`: Contains the visible content of the webpage.

Navigation Bar

```
<ul>
  <li id="login"><a href="Login.html">Login</a></li>
  <li><a href="Signup.html">Sign Up</a></li>
  <li><a href="Menu.html">Menu</a></li>
  <li><a href="Home.html">Home</a></li>
  <li><a id="logo"></a></li>
</ul>
```

1. Purpose of the Untitled-5 File

- **Purpose:**
 - This file serves as the **Sign-Up Page** for the "Burger Queen" website.
 - It allows users to create an account by entering their personal details, such as name, password, gender, birthday, contact details, and country.
 - It includes a form submission button to send the data for processing.

2. Key Sections of the Code

HTML Boilerplate

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="Interface.css">
  <link href="https://fonts.googleapis.com/css2?family=Birthstone&display=swap" rel="stylesheet">
  <title>Burger Queen</title>
</head>
<body>
```

- The navigation bar is a list of links that allows users to navigate between different pages of the website.

- **Functions:**

- ``: Creates an unordered list.
- ``: Defines each list item.
- `<a>`: Creates hyperlinks to other pages (e.g., `Login.html`, `Signup.html`).
- ``: Displays the logo image.

Sign-Up Form

```
<form action="Test.html">
  <div class="container-fname">
    <label for="fname">User Details</label>
    <input type="text" id="fname" name="firstname" placeholder="First Name"></div>

    <div class="container-lname">
      <input type="text" id="lname" name="lastname" placeholder="Last Name"></div>

    <div class="container-password">
      <input type="password" id="Password" name="password" placeholder="Password"></div>

    <div class="container-confirm">
      <input type="password" id="Password" name="confirm" placeholder="Confirm Password"></div>
```

- **Definition:**

- The sign-up form collects user details, such as their name and password.

- **Functions:**

- `<form>`: Groups the input fields and buttons for user interaction.
 - `action="Test.html"`: Specifies the page where the form data will be sent upon submission.
- `<div>`: Groups related input fields for styling purposes.
- `<label>`: Provides a label for the input fields.
- `<input>`: Creates input fields for text and passwords.
 - `type="text"`: Specifies a text input field.
 - `type="password"`: Specifies a password input field.
 - `placeholder`: Displays a hint inside the input field (e.g., "First Name").

Country Selection and Submit Button

```
<div class="container-country">
  <select id="country" name="country">
    <option value="australia">Australia</option>
    <option value="canada">Canada</option>
    <option value="usa">USA</option>
    <option value="philippines">Philippines</option>
    <input type="submit" value="Submit">
  </select></div>
```

- **Definition:**
 - This section allows users to select their country and submit the form.
- **Functions:**
 - `<select>`: Creates a dropdown menu for selecting a country.
 - `<option>`: Defines the options in the dropdown menu.
 - `<input type="submit">`: Creates a button to submit the form.

```
<div class="container-gender">
  <select id="gender" name="gender">
    <option value="male">Male</option>
    <option value="female">Female</option>
  </select></div>

<div class="container-date">
  <input type="text" id="contact" name="firstname" placeholder="Birthday: MM/DD/YY"></div>

<div class="container-email">
  <label for="contact">Contact Details</label>
  <input type="text" id="contact" name="firstname" placeholder="Email"></div>

<div class="container-number">
  <input type="text" id="contact" name="lastname" placeholder="Number"></div>
```

- **Definition:**
 - This section collects additional user details, such as gender, birthday, email, and phone number.
- **Functions:**
 - `<select>`: Creates a dropdown menu for selecting gender.
 - `<option>`: Defines the options in the dropdown menu.
 - `<input>`: Creates input fields for text (e.g., birthday, email, phone number).
 - `<label>`: Provides a label for the input fields.

```
<footer class="footer">
  <p>&copy; 2025 Burger Queen All Rights Reserved.</p>
</footer>
```

- **Definition:**
 - The footer is the section at the bottom of the page that provides copyright information.
- **Functions:**
 - `<footer>`: Defines the footer section.
 - `<p>`: Displays the copyright text.

3. Key HTML Elements and Their Functions

1. `<html>`: The root element of the HTML document.
2. `<head>`: Contains metadata and links to external resources (e.g., CSS files).
3. `<body>`: Contains the visible content of the webpage.
4. `` and ``: Create a navigation bar with links to other pages.
5. `<form>`: Groups input fields and buttons for user interaction.
6. `<input>`: Creates input fields for text, passwords, etc.
7. `<select>` and `<option>`: Create dropdown menus for selecting options.
8. `<label>`: Provides labels for input fields.
9. `<footer>`: Defines the footer section of the webpage.

General Questions

1. **What is the purpose of this HTML file?**
 - *Answer:* "This file serves as the sign-up page for the 'Burger Queen' website, allowing users to create an account by entering their personal details."
2. **How does this page ensure accessibility?**
 - *Answer:* "The page uses descriptive `placeholder` attributes for input fields and clear labels to guide users."
3. **What happens if the linked CSS file (`Interface.css`) is missing?**
 - *Answer:* "If the CSS file is missing, the page will display without styling, appearing as plain HTML."

Form Questions

4. **What is the purpose of the `action` attribute in the `<form>` tag?**
 - *Answer:* "The `action` attribute specifies the page where the form data will be sent upon submission."
5. **Why did you use `type="password"` for the password fields?**
 - *Answer:* "The `type="password"` ensures that the input is masked, hiding the characters for security purposes."
6. **What happens if a user submits the form without filling in all the fields?**
 - *Answer:* "Currently, the form does not validate the input. Validation can be added using JavaScript or server-side logic."

Footer Questions

7. **What is the purpose of the footer?**
 - *Answer:* "The footer displays copyright information, ensuring the website complies with intellectual property laws and looks professional."