

PHN TECHNOLOGY INTERNSHIP

DOMAIN: WEB DEVELOPMENT

TASK1:

Creating a table booking form for a restaurant's website. The form should allow customers to reserve a table by selecting the date, time, number of guests, and providing their contact information. The form should also include a "submit" button.

HTML CODE:

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8" />
  <title>Restaurant Booking Form</title>
  <script>
    function showMessage() {
      alert("Your table has been booked. Thank you!");
    }
  </script>
  <meta name="viewport" content="width=device-width,
    initial-scale=1.0" />
  <link rel="stylesheet" href="Style.css" />
</head>
<body>
  <div class="container">
    <h1 class="form-title">BOOK YOUR TABLE</h1>
    <form action="#">
      <div class="main-user-info">
        <div class="user-input-box">
          <label for="fullName">Full Name</label>
          <input type="text"
            id="fullName"
            name="fullName"
            placeholder="Enter Full Name" />
        </div>
        <div class="user-input-box">
          <label for="date">Date:</label><br>
          <input type="date" id="date" name="date" required><br>
        </div>
        <div class="user-input-box">
          <label for="guests">Number of Guests</label>
          <input type="text"
            id="guests"
            name="guests">
        </div>
      </div>
    </form>
  </div>
</body>
</html>
```

```

placeholder="Enter the value limit is 5 per table"
/>
    </div>
    <div class="user-input-box">
        <label for="time">Time:</label><br>
        <input type="time" id="time" name="time" required><br>
    </div>
    <div class="user-input-box">
        <label for="phoneNumber">Phone Number</label>
        <input type="text"
            id="phoneNumber"
            name="phoneNumber"
            placeholder="Enter Phone Number" />
    </div>
    <div class="user-input-box">
        <label for="hours">How Many Hours</label>
        <input type="text"
            id="hours"
            name="hours"
            placeholder="Enter the value" />
    </div>
</div>
<div class="form-submit-btn">
    <input type="submit" value="SUBMIT" onclick="showMessage()">
</div>
</form>
</div>
</body>
</html>

```

This is a simple HTML form that allows users to book a table at a restaurant. It includes fields for the user's full name, date, number of guests, time, phone number, and how many hours they will be dining. The form includes validation on the date and time fields to ensure they are required. When the user clicks the "SUBMIT" button, an alert message is displayed saying "Your table has been booked. Thank you!". The form has been styled using an external CSS file named "Style.css".

The <head> section of the HTML document contains the <title> tag that specifies the title of the webpage and the <meta> tag that sets the viewport to ensure proper rendering and scaling of the webpage on different devices. It also includes a reference to an external CSS stylesheet "Style.css" that defines the styles for the HTML elements.

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The `<body>` section of the HTML document contains the content of the webpage.

It includes a container `<div>` with a class "container" that wraps the form elements. The `<h1>` tag defines the title of the form "BOOK YOUR TABLE".

The `<form>` tag is used to define the form element and the "action" attribute specifies the URL of the page that the form data will be submitted to.

The main user information section is defined within a `<div>` tag with a class "main-user-info". The user information section includes several `<div>` tags with a class

"user-input-box" that wrap the `<label>` and `<input>` elements for each input field.

The `<label>` tag defines a label for the corresponding input field, and the `<input>` tag defines an input field where the user can enter data.

There are six input fields in the form:

Full Name: A text input field where the user can enter their full name.

Date: A date input field where the user can select the date of their reservation.

Number of Guests: A text input field where the user can enter the number of guests they will be bringing to the restaurant. The placeholder text indicates that the limit is 5 guests per table.

Time: A time input field where the user can select the time of their reservation.

Phone Number: A text input field where the user can enter their phone number.

How Many Hours: A text input field where the user can enter the number of hours they plan to stay at the restaurant.

The `<div>` tag with a class "form-submit-btn" contains a `<input>` tag with a type attribute set to "submit", which defines the submit button that the user can click to submit the form.

`<input type="submit">` element creates a submit button for submitting the form.

Overall, this code defines a simple HTML form for booking a table at a restaurant that collects user information and submits it to a specified URL.

CSS CODE:

```
* {  
  padding: 0;  
  margin: 0;  
  box-sizing: border-box;  
  font-family: sans-serif;
```

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```
}

body {
  display: flex;
  height: 100vh;
  justify-content: center;
  align-items: center;
  background: url("https://t-
ec.bstatic.com/images/hotel/max1024x768/144/144077460.jpg");
  background-size: cover;
}

.container {
  width: 100%;
  max-width: 650px;
  background: rgba(0, 0, 0, 0.5);
  padding: 28px;
  margin: 0 28px;
  border-radius: 10px;
  box-shadow: inset -2px 2px 2px white;
}

.form-title {
  font-size: 26px;
  font-weight: 600;
  text-align: center;
  padding-bottom: 6px;
  color: white;
  text-shadow: 2px 2px 2px black;
  border-bottom: solid 1px white;
}

.main-user-info {
  display: flex;
  flex-wrap: wrap;
  justify-content: space-between;
  padding: 20px 0;
}

.user-input-box:nth-child(2n) {
  justify-content: end;
}

.user-input-box {
  display: flex;
  flex-wrap: wrap;
  width: 50%;
  padding-bottom: 25px;
}
```

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```
}

.user-input-box label {
  width: 95%;
  color: white;
  font-size: 20px;
  font-weight: 400;
  margin: 5px 0;
}

.user-input-box input {
  height: 40px;
  width: 95%;
  border-radius: 7px;
  outline: none;
  border: 1px solid grey;
  padding: 0 10px;
}

.gender-title {
  color: white;
  font-size: 24px;
  font-weight: 600;
  border-bottom: 1px solid white;
}

.gender-category {
  margin: 15px 0;
  color: white;
}

.gender-category label {
  padding: 0 20px 0 5px;
}

.gender-category label,
.gender-category input,
.form-submit-btn input {
  cursor: pointer;
}

.form-submit-btn {
  margin-top: 40px;
}

.form-submit-btn input {
  display: block;
  width: 100%;
}
```

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```
margin-top: 10px;
font-size: 20px;
padding: 10px;
border: none;
border-radius: 3px;
color: rgb(209, 209, 209);
background: rgb(128, 139, 34);
}

.form-submit-btn input:hover {
    background: rgba(56, 204, 93, 0.7);
    color: rgb(255, 255, 255);
}

@media(max-width: 600px) {
    .container {
        min-width: 280px;
    }

    .user-input-box {
        margin-bottom: 12px;
        width: 100%;
    }

    .user-input-box:nth-child(2n) {
        justify-content: space-between;
    }

    .gender-category {
        display: flex;
        justify-content: space-between;
        width: 100%;
    }

    .main-user-info {
        max-height: 380px;
        overflow: auto;
    }

    .main-user-info::-webkit-scrollbar {
        width: 0;
    }
}
```

DESCRIPTION:

This is a CSS code that defines the style of a form. The form has a container with a maximum width of 650px and a background with an image. The container has a semi-transparent black

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background with padding, margin, and border radius. The form also has a title, main user info section, and gender categories section.

The main user info section has two columns of input boxes, with labels and input fields. The gender categories section has a title and three radio buttons for selecting gender. At the end of the form, there is a submit button with a hover effect.

The CSS code also includes media queries for responsive design, with changes for small screen sizes, such as reducing the size of input boxes and changing the layout of the gender categories section. The scrollbar is also hidden for the main user info section on small screens.

The above CSS code defines the styling for a user input form, including the layout, colours, and fonts.

The first CSS rule sets some global styles for all elements, such as removing margins and padding, setting the box-sizing property to border-box to include borders in element dimensions, and specifying a default font family of sans-serif.

The second rule sets the background image of the body element to a hotel image, center the contents of the body element using flexbox, and applies some padding to the container element that holds the form.

The third rule sets the width and maximum width of the container element, the background colour with an alpha value of 0.5, some padding, margin, border-radius, and box-shadow.

The fourth rule styles the form title, which includes the font size, font weight, text alignment, padding, text color, and text shadow. It also adds a border-bottom with a solid white line.

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The fifth rule styles the main user info section, which contains the user input fields. It sets the display to flex, justifies the content to space-between, and applies some padding. The user input boxes are styled to have a width of 50% and some padding.

The sixth rule styles the user input labels and inputs, including the font size, font weight, margin, border-radius, outline, border, and padding.

The seventh rule styles the gender title, which is used to label the gender input section, with the font size, font weight, and border-bottom.

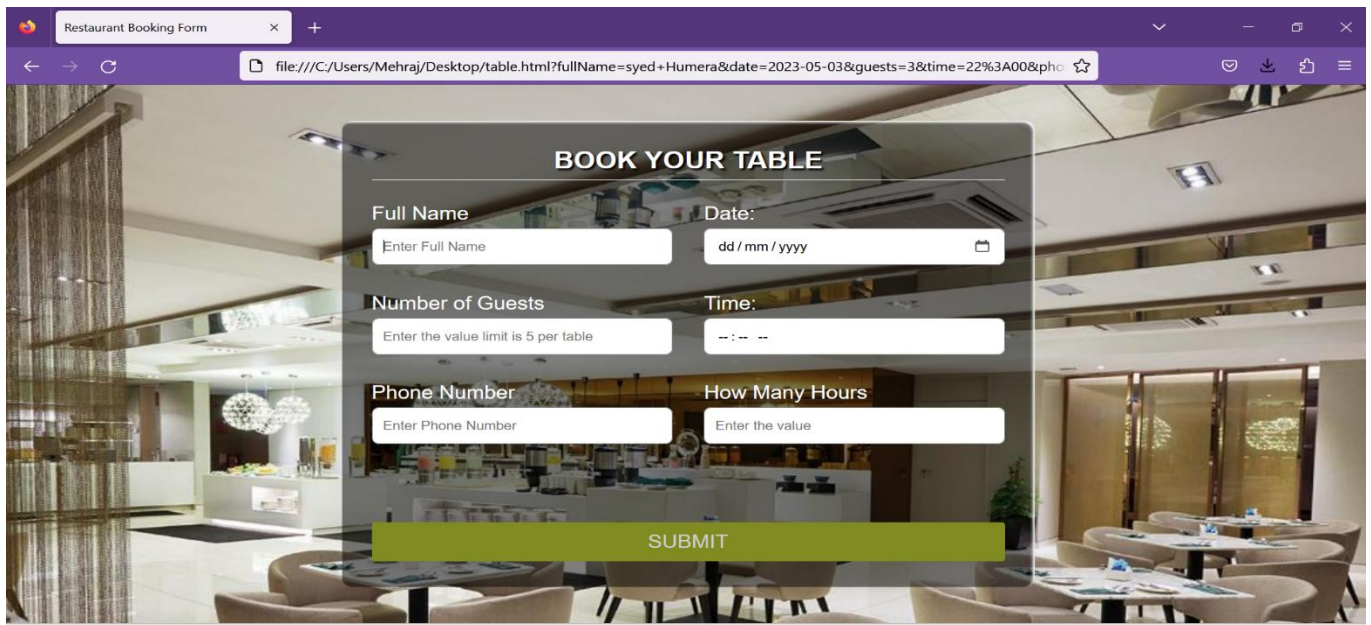
The eighth rule styles the gender category, which contains the gender input fields. It sets the margin, colour, and adds some padding to the labels. It also sets the cursor to pointer for the labels, inputs, and form submit button.

The ninth rule styles the form submit button, including the margin-top and some padding. The input element is styled with a background colour, font size, border, border-radius, and colour.

The tenth rule sets some responsive styles for smaller screens, with a media query that targets screens with a maximum width of 600px. It sets the minimum width of the container element, styles the user input boxes to have a width of 100% and the gender categories to be displayed as flex with space-between, sets the maximum height and overflow of the main user info section, and removes the scrollbar with the pseudo-element `::-webkit-scrollbar`.

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OUTPUT:



Restaurant Booking Form

file:///C:/Users/Mehraj/Desktop/table.html?fullName=syed+Humera&date=2023-05-03&guests=3&time=22%3A00&pho

BOOK YOUR TABLE

Full Name: Enter Full Name

Date: dd / mm / yyyy

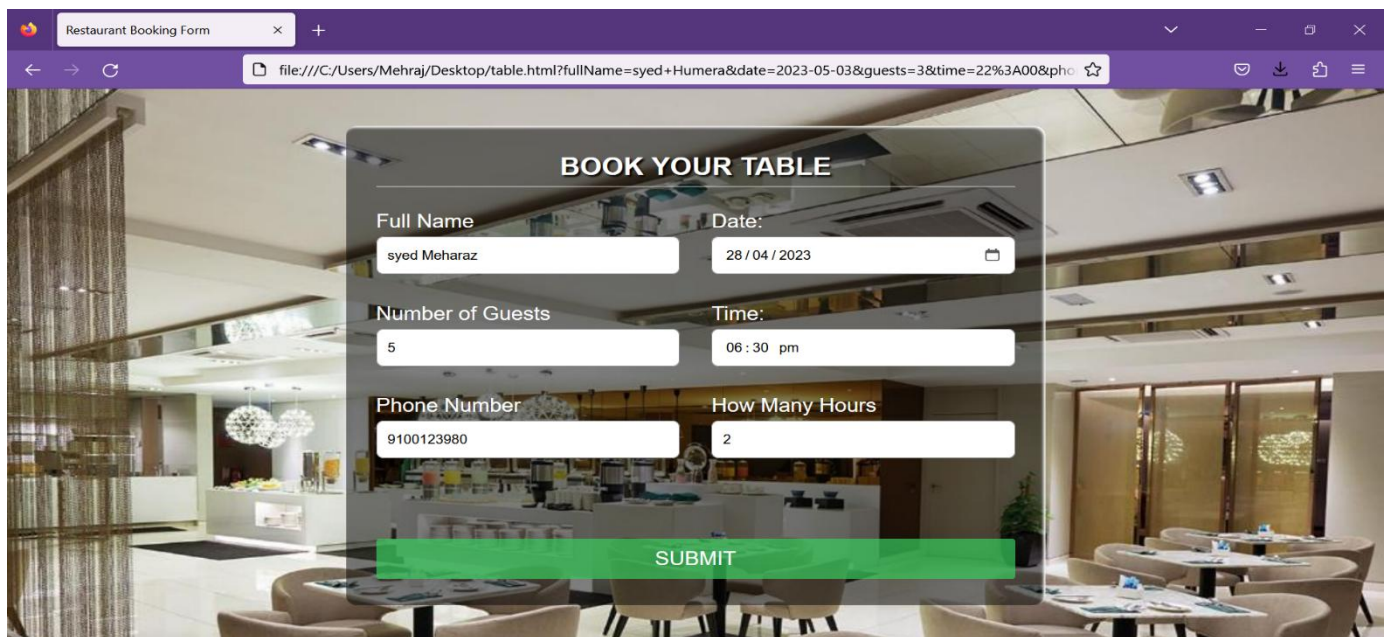
Number of Guests: Enter the value limit is 5 per table

Time: -- : --

Phone Number: Enter Phone Number

How Many Hours: Enter the value

SUBMIT



Restaurant Booking Form

file:///C:/Users/Mehraj/Desktop/table.html?fullName=syed+Humera&date=2023-05-03&guests=3&time=22%3A00&pho

BOOK YOUR TABLE

Full Name: syed Meharaz

Date: 28 / 04 / 2023

Number of Guests: 5

Time: 06 : 30 pm

Phone Number: 9100123980

How Many Hours: 2

SUBMIT

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After Clicking on Submit Button this Pop-up Message is generated as confirmation of table booking.

