SUJAL Kulshrestha

Section :- P (P2)   Roll No :- 47

POINTS CLEARED

- ✓ Develop a registration form using at least 10 fields and a submit button.
- ✓ All fields are mandatory.
- ✓ Password and Confirm password must match.
- ✓ Mobile Number must be of exactly 10 digits.
- ✓ Email Id must be in regular format.

TAGS LEARNED

- <script> tag
- <form> tag
- <input> tag
- <select> tag
- <label> tag
- <option> tag
- <link> tag

MODULE LEARNED

- Implementing JavaScript to HTML
- Using .js for external JavaScript file
- Many Attribute / Properties of JavaScript

EXPLANATION

Here, I used a lot of properties and attributes which allow me to introduce validation of data given by user. For this I used JavaScript and CSS for catering the form to its fullest, the main theme is of a bank form, a bank named AIC Bank (All Indian Citizen's Bank) is taken under an example and a new registration form is made for registering new customer.

Many of the CSS properties I used are already mentioned in previous project, so now in this project I'm going to introduce some JavaScript properties / attributes.

Some of them are :-

- function name_of_function() {} – This is used to create a calling Function.
- var variable_name – This is used to determine new variable.
- If (condition) {} – This is used for conditional statements
- else {} – This is used when if condition is not satisfied.
- alert ("print statement") – This is used to push a popup message with Statement.
- return value – This returns the value as given.

Some new tags properties / attributes are :-

- type="value" – This determine the type of data we are dealing with.
- rel="stylesheet" – This determine the type of external file we are implementing in html.
- src="image.png"- This determines the source location of the file.

HTML INPUT CODE

```html
<html>
  <head>
    <title>
        All India Citizen's Bank Form
    </title>
    <script type="text/javascript" src="FormScript.js"></script>
    <link rel="stylesheet" type="text/css" href="FormTSS.css">
  </head>
  <body>
    <br/><br/>
    <h1>AIC Bank Form</h1>
    <h2>
        !! Welcome To AIC Bank !!
    </h2>
    <table>
      <caption>
        New Account Details
      </caption>
      <form name = "bankForm" action = "#" method = "post" onsubmit="return validate()">
        <tr>
          <td>
            Full Name :
          </td>
          <td>
            <input type = "text" name = "name" required>
          </td>
        </tr>
        <tr>
          <td>
            Age :
          </td>
          <td>
            <input type = "number" name = "age" required>
          </td>
        </tr>
        <tr>
          <td>
            Gender :
          </td>
          <td>
            <input type="radio" id="01" name="genderSelect" value="male" checked>
            <label for="male">Male</label>
            <input type="radio" id="02" name="genderSelect" value="female">
            <label for="female">Female</label>
          </td>
```

```html
        </tr>
        <tr>
          <td>
            Category :
          </td>
          <td>
            <select name="casteSelect" id="03" required>
              <option disabled selected value>---</option>
              <option value="general">General</option>
              <option value="obc">OBC</option>
              <option value="sc">SC</option>
              <option value="st">ST</option>
              <option value="ews">EWS</option>
            </select>
          </td>
        <tr>
          <td>
            Mob. No. :
          </td>
          <td>
            <input type = "tel" name = "mobno" pattern="[0-9]{10}" required>
          </td>
        </tr>
        <tr>
          <td>
            E-mail :
          </td>
          <td>
            <input type = "email" name = "email" required>
          </td>
        </tr>
        <tr>
          <td>
            Set Username :
          </td>
          <td>
            <input type="text" name = "username" required>
          </td>
        </tr>
        <tr>
          <td>
            Set Password :
          </td>
          <td>
            <input type="password" name = "password" required>
          </td>
        </tr>
        <tr>
```

```html
        <td>
          Confirm Password :
        </td>
        <td>
          <input type="password" name = "cpassword" required>
        </td>
      </tr>
      <tr>
        <td>
          Account Type :
        </td>
        <td>
          <input type="radio" id = "04" name = "acctype" value = "savings" checked>
          <label for="savings">Savings</label>
          <input type="radio" id="05" name="acctype" value="current">
          <label for="current">Current</label>
        </td>
      </tr>
      <tr>
        <td>
          Pincode :
        </td>
        <td>
          <input type="tel" name = "pincode" pattern="[0-9]{6}" required>
        </td>
      </tr>
      <tr>
        <td colspan="2">
          <br/>
        </td>
      </tr>
      <tr>
        <td colspan="2">
          <center>
          <input type = "submit" value = "Register">
          <input type="reset">
          </center>
        </td>
      </tr>
    </form>
  </table>
  </body>
</html>
```
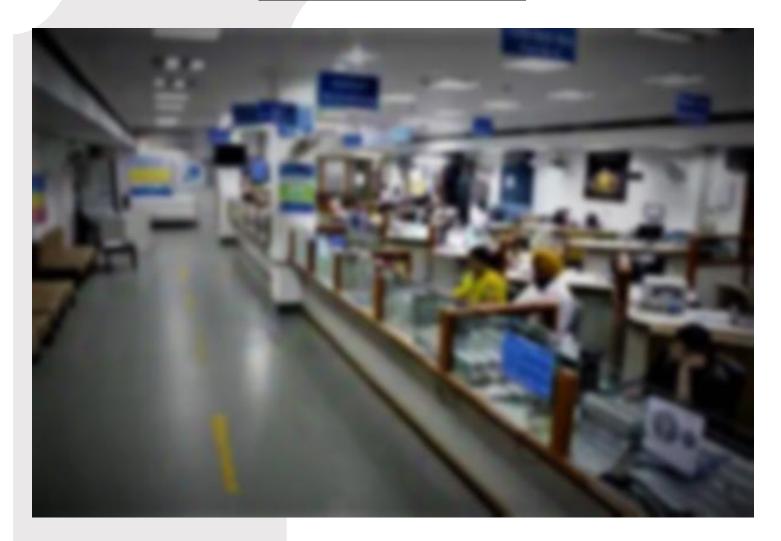
CSS INPUT CODE

```css
td {
    margin-left: auto;
    margin-right: auto;
}
table {
    margin-left: auto;
    margin-right: auto;
    padding: 20px;
    background-color: lightblue;
    border-spacing: 0px;
    border-radius: 20px;
}
h1 {
    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif ;
    text-align: center;
    font-size: 40px;
    font-weight: bold;
    text-shadow: 0 0 10px black;
    background-color:lightblue;
    color: white;
}
h2 {
    font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif ;
    text-align: center;
    font-size: 30px;
    font-weight: bold;
    text-shadow: 0 10px 5px black;
    color: white;
}
caption {
    font-size: 30px;
    color: white;
    text-shadow: 0 0 5px  rgb(0, 0, 0);
    font-weight: bold;
}
body {
    background-size: cover;
    background-position: center;
    background-image: url("BankImage.png");
}
```

JAVASCRIPT INPUT CODE

```javascript
function validate() {
    var x = document.forms["bankForm"]["password"].value;
    var y = document.forms["bankForm"]["cpassword"].value;
    if (x != y) {
        alert ("!! Password and Confirm Password doesn't match !!");
        return false;
    }
    var a = document.forms["bankForm"]["age"].value;
    if (a < 18) {
        alert ("!! Under Age Candidate !!");
        return false;
    }
    else {
        return true;
    }
}
```

ATTATCHED IMAGE