Ex.No:1   **CREATION OF INTERACTIVE WEB SITES**

AIM:

The aim of this project is to create an interactive website using HTML and authoring tools. The website will be designed to provide a user-friendly interface that allows visitors to easily navigate and interact with the content.

ALGORITHM:

1. Determine the purpose and goals of the website.
2. Plan the structure and layout of the website using wireframes and storyboards.
3. Choose an authoring tool or web development framework to create the website.
4. Use HTML to create the structure and content of the website.
5. Add interactivity to the website using scripting languages like JavaScript.
6. Test the website for usability and functionality.
7. Publish the website to a web server or hosting platform.

PROGRAM:

```
<!DOCTYPE html>
<html>
<head>
        <title>Interactive Website</title>
        <link rel="stylesheet" href="style.css">
        <script src="script.js"></script>
</head>
<body>
        <header>
                <h1>Interactive Website</h1>
        </header>
        <main>
                <form id="myForm" onsubmit="submitForm(event)">
                        <label for="name">Name:</label>
                        <input type="text" id="name" name="name" required><br><br>
                        <label for="email">Email:</label>
```

```html
                        <input type="email" id="email" name="email" required><br><br>
                        <label for="subject">Subject:</label>
                        <select id="subject" name="subject">
                                <option value="general">General Inquiry</option>
                                <option value="feedback">Feedback</option>
                                <option value="support">Technical Support</option>
                        </select><br><br>
                        <label for="message">Message:</label>
                        <textarea id="message" name="message" rows="4" cols="50"
required></textarea><br><br>
                        <input type="submit" value="Submit">
                </form>
        </main>
        <footer>
                <p>&copy; 2023 Interactive Website. All rights reserved.</p>
        </footer>
</body>
</html>
```

```css
body {
        font-family: Arial, sans-serif;
}


header {
        background-color: #333;
        color: #fff;
        padding: 10px;
        text-align: center;
}


main {
        padding: 10px;
}


form {
        background-color: #f2f2f2;
        border-radius: 5px;
        padding: 20px;
}
```

```css
label {
        display: block;
        font-weight: bold;
        margin-bottom: 10px;
}


input[type="text"],
input[type="email"],
textarea {
        border-radius: 3px;
        border: none;
        box-shadow: inset 0 1px 2px rgba(0, 0, 0, 0.1);
        padding: 10px;
        width: 100%;
}


select {
        border-radius: 3px;
        padding: 10px;
}


input[type="submit"] {
        background-color: #333;
        border: none;
        border-radius: 3px;
        color: #fff;
        cursor: pointer;
        margin-top: 10px;
        padding: 10px;
        width: 100%;
}


input[type="submit"]:hover {
        background-color: #555;
}
```

```javascript
function submitForm(event) {

        event.preventDefault();

        var name = document.getElementById("name").value;

        var email = document.getElementById("email").value;

        var subject = document.getElementById("subject").value;

        var message = document.getElementById("message").value;

        alert("Thank you for submitting your inquiry, " + name + "!\n\nSubject: " + subject + "\n\nMessage: "

+ message);

        document.getElementById("myForm").reset();

}
```