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**Experiment no:10 Write a PHP code to implement AJAX functionality.**

**Code: Index.html**

<!DOCTYPE html>

<html>

<head>

    <title>AJAX with PHP</title>

</head>

<body>

    <h2>AJAX Example</h2>

    <input type="text" id="name" placeholder="Enter your name">

    <button onclick="sendData()">Submit</button>

    <p id="response"></p>

    <script>

        function sendData() {

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

            var xhr = new XMLHttpRequest();

            xhr.open("POST", "process.php", true);

            xhr.setRequestHeader("Content-Type", "application/x-www-form-urlencoded");

            xhr.onreadystatechange = function() {

                if (xhr.readyState === 4 && xhr.status === 200) {

                    document.getElementById("response").innerHTML = xhr.responseText;

                }

            };

            xhr.send("name=" + encodeURIComponent(name));

        }

    </script>

</body>

</html>

**Process.php**

<?php

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    $name = $\_POST['name'];

    echo "Hello, " . htmlspecialchars($name) . "!";

}