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**Roll No : 271 Practical : 10**

**Aim: Write a PHP code to implement AJAX functionality.**

**Code:**

**Index.html**

<!DOCTYPE html>

<html>

<head>

<title>AJAX with PHP Example</title>

<script>

function sendData() {

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

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function() {

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

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

}

};

xhttp.open("POST", "server.php", true);

xhttp.setRequestHeader("Content-type", "application/x-www-form-urlencoded");

xhttp.send("username=" + encodeURIComponent(name));

}

</script>

</head>

<body>

<h2>AJAX Example with PHP</h2>

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

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

<p id="response"></p>

</body>

</html>

**Server.php**

<?php

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

if (isset($\_POST['username'])) {

$name = htmlspecialchars($\_POST['username']);

echo "Hello, " . $name . "! Welcome to AJAX with PHP.";

} else {

echo "No name received!";

}

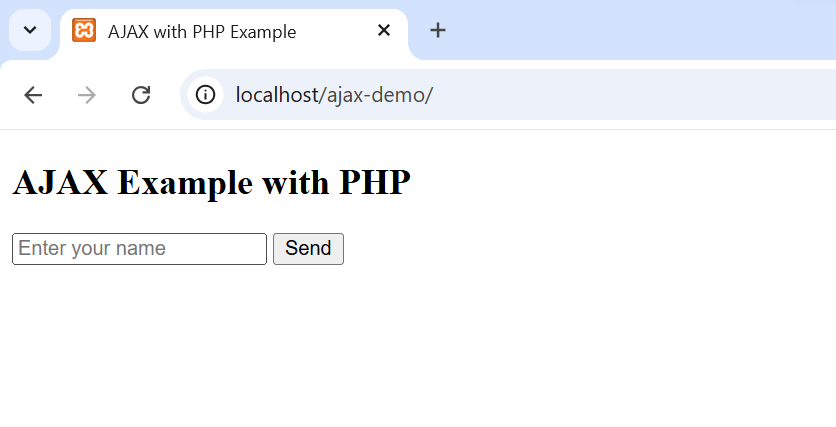
} else {

echo "Invalid request method.";

}

?>

**OUTPUT:**

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