**Course: Software Construction & Development**

**Course ID: CSCL-2126**

**Faculty: Shahzaib Naveed**

**Lecture # 6**

**Topics Covered:**

1. Api calls in Php
2. Api calls in JavaScript
3. Get / Post Apis Explanation
4. Task of Api call with products test Api.

**Code Reference:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<title>Fetch API Example with PHP</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 0;

padding: 0;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

background-color: #f4f4f4;

}

#result {

text-align: center;

padding: 20px;

border: 1px solid #ccc;

border-radius: 5px;

background-color: #fff;

}

</style>

</head>

<body>

<div id="result">

<?php

$url = "https://fakestoreapi.com/products";

$data = file\_get\_contents($url);

$products = json\_decode($data);

if ($products) {

echo "<h2>Products</h2>";

echo "<ul>";

foreach ($products as $product) {

echo "<li>$product->title - $product->price</li>";

}

echo "</ul>";

} else {

echo "Error: Failed to retrieve data.";

}

?>

</div>

</body>

</html>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<title>Fetch API Example with JavaScript</title>

<style>

body {

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}

#result {

text-align: center;

padding: 20px;

border: 1px solid #ccc;

border-radius: 5px;

background-color: #fff;

}

</style>

</head>

<body>

<div id="result">Waiting for response...</div>

<script>

function makeAPICall() {

fetch("https://fakestoreapi.com/products")

.then((response) => {

if (!response.ok) {

throw new Error("Network response was not ok.");

}

return response.json();

})

.then((data) => {

const resultDiv = document.getElementById("result");

resultDiv.innerHTML = "<h2>Products</h2><ul>";

data.forEach((product) => {

resultDiv.innerHTML += `<li>${product.title} - ${product.price}</li>`;

});

resultDiv.innerHTML += "</ul>";

})

.catch((error) => {

document.getElementById("result").innerText =

"Error: " + error.message;

});

}

makeAPICall();

</script>

</body>

</html>