**@5.xml**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>User Details from XML</title>**

**</head>**

**<body>**

**<h1>Retrieve User Details</h1>**

**<label for="userId">Enter User ID:</label>**

**<input type="text" id="userId">**

**<button onclick="getUserDetails()">Get Details</button>**

**<p id="userDetails"></p>**

**<script>**

**async function getUserDetails() {**

**const userId = document.getElementById('userId').value;**

**const response = await fetch('users.xml');**

**const text = await response.text();**

**const parser = new DOMParser();**

**const xmlDoc = parser.parseFromString(text, 'text/xml');**

**const users = xmlDoc.getElementsByTagName('user');**

**let userDetails = 'User not found.';**

**Array.from(users).forEach(user => {**

**const id = user.getElementsByTagName('id')[0].textContent;**

**if (id === userId) {**

**const name = user.getElementsByTagName('name')[0].textContent;**

**const email = user.getElementsByTagName('email')[0].textContent;**

**const phone = user.getElementsByTagName('phone')[0].textContent;**

**userDetails = `ID: ${id}<br>Name: ${name}<br>Email: ${email}<br>Phone: ${phone}`;**

**}**

**});**

**document.getElementById('userDetails').innerHTML = userDetails;**

**}**

**</script>**

**</body>**

**</html>**

**.xml**

**<?xml version="1.0" encoding="UTF-8"?>**

**<users>**

**<user>**

**<id>1</id>**

**<name>John Doe</name>**

**<email>john.doe@example.com</email>**

**<phone>1234567890</phone>**

**</user>**

**<user>**

**<id>2</id>**

**<name>Jane Smith</name>**

**<email>jane.smith@example.com</email>**

**<phone>9876543210</phone>**

**</user>**

**<!-- Add more users as needed -->**

**</users>**

**@PHP6. (find length ,count,search)**

**<?php**

**$string = "Hello, this is a sample string for testing purposes.";**

**// Finding the length of the string**

**echo "Length: " . strlen($string) . "<br>";**

**// Counting words in the string**

**echo "Word count: " . str\_word\_count($string) . "<br>";**

**// Reversing the string**

**echo "Reversed: " . strrev($string) . "<br>";**

**// Searching for a specific word**

**$searchWord = "sample";**

**echo "Search for '$searchWord': " . (strpos($string, $searchWord) !== false ? "Found" : "Not found") . "<br>";**

**?>**

**@7.one array to another**

**<?php**

**// Sample arrays**

**$array1 = [5, 9, 3, 7];**

**$array2 = [2, 8, 4, 1];**

**// Merge arrays**

**$mergedArray = array\_merge($array1, $array2);**

**// Sort merged array in descending order**

**rsort($mergedArray);**

**// Display sorted merged array**

**echo "Merged and sorted array (descending order):<br>";**

**print\_r($mergedArray);**

**?>**