**Practical – 10**

**Aim: Develop PHP Program using Third-Party API.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Posts from JSONPlaceholder</title>

</head>

<body>

    <div class="container">

        <div class="api-info">

            <h1>JSONPlaceholder API</h1>

            <p>Usage: A free fake online REST API for testing and prototyping.</p>

        </div>

        <?php

*// JSONPlaceholder API URL for fetching posts*

        $apiUrl = "https://jsonplaceholder.typicode.com/posts";

*// Function to get data from the API*

        function getApiData($url) {

            $ch = curl\_init();

            curl\_setopt($ch, CURLOPT\_RETURNTRANSFER, true);

            curl\_setopt($ch, CURLOPT\_URL, $url);

            $response = curl\_exec($ch);

            if (curl\_errno($ch)) {

                echo '<p class="error">Error: ' . curl\_error($ch) . '</p>';

                return null;

            }

            curl\_close($ch);

            return json\_decode($response, true);

        }

*// Fetch posts data*

        $posts = getApiData($apiUrl);

*// Check if data is received*

        if (!empty($posts)) {

            echo "<h1>Posts</h1>";

            foreach ($posts as $post) {

                echo "<div class='post'>";

                echo "<h2>" . htmlspecialchars($post['title']) . "</h2>";

                echo "<p>" . nl2br(htmlspecialchars($post['body'])) . "</p>";

                echo "</div>";

            }

        } else {

            echo "<p class='error'>Unable to fetch posts data.</p>";

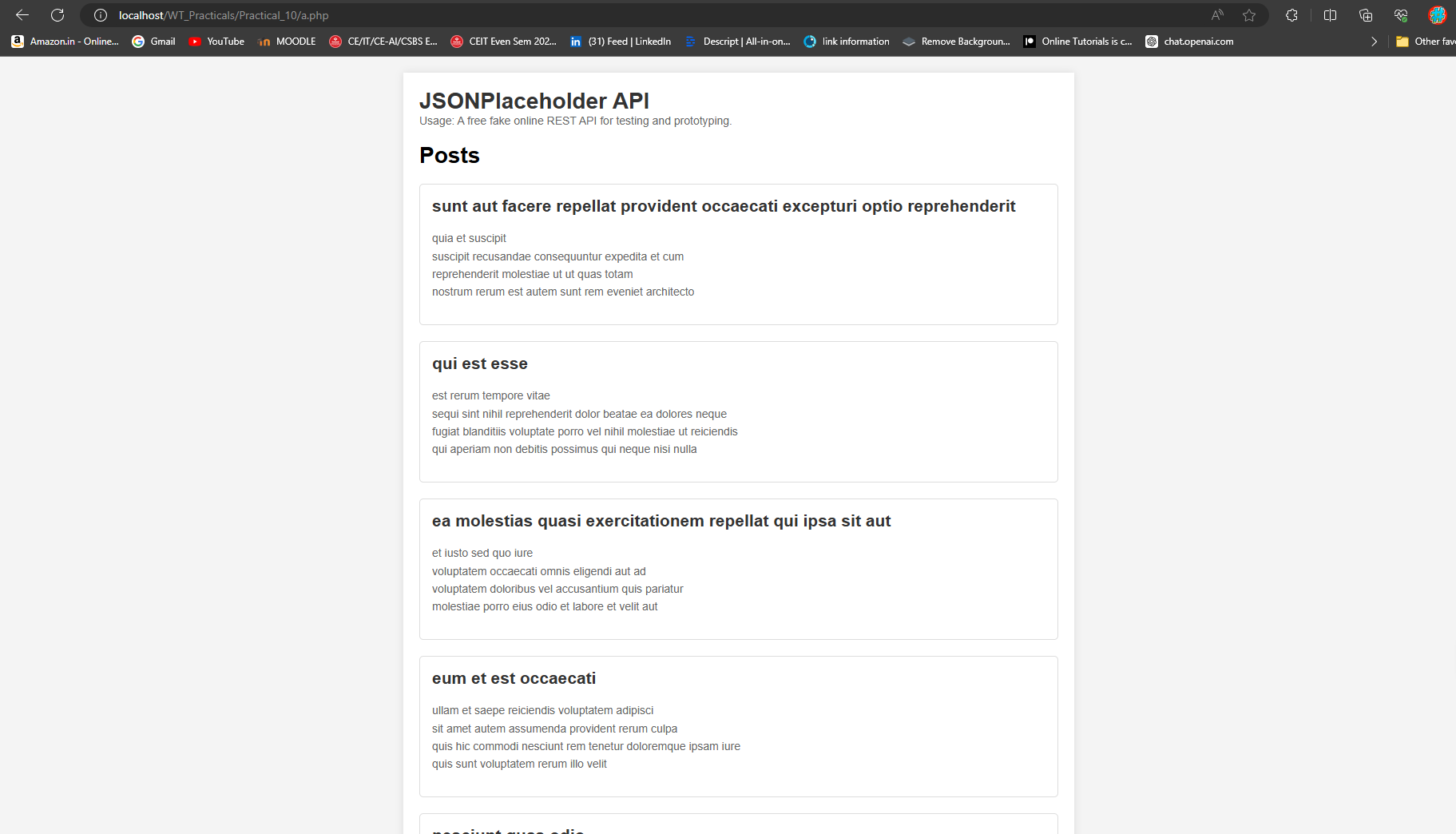
        }

        ?>

    </div>

</body>

</html>

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