

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>

```

