**GANPAT UNIVERSITY**

**U.V. PATEL COLLEGE OF ENGINEERING**

B.Tech 6th Semester CE/IT

2CEIT6PE1: Web Technology

**Practical-10**

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

**Exercise-1:**

Develop PHP Program using Third-Party API.

**Code:**

**Index.php**

<!DOCTYPE html>

<html>

<head>

<title>Weather App</title>

</head>

<body>

<h2>Select a City</h2>

<form method="post">

<label for="city">City:</label>

<select id="city" name="city">

<option value="London">London</option>

<option value="New-York">New-York</option>

<option value="Tokyo">Tokyo</option>

<option value="Ahmedabad">Ahmedabad</option>

<option value="Gandhinagar">Gandhinagar</option>

<option value="Mehsana">Mehsana</option>

<option value="Visnagar">Visnagar</option>

<option value="Unjha">Unjha</option>

<option value="Mumbai">Mumbai</option>

<option value="Bangalore">Bangalore</option>

<option value="Delhi">Delhi</option>

<option value="Chennai">Chennai</option>

<option value="Melbourne">Melbourne</option>

<option value="California">California</option>

<option value="Kolkata">Kolkata</option>

</select>

<button type="submit">Get Weather</button>

</form>

<?php

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

// Replace 'YOUR\_API\_KEY' with your actual API key

$apiKey = 'Your\_Api\_Key';

$city = $\_POST['city'];

// Create API URL

$url = "http://api.weatherapi.com/v1/current.json?key={$apiKey}&q={$city}";

// Fetch data from the API

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

// Decode JSON response

$data = json\_decode($response, true);

// Check if data is successfully fetched

if ($data && isset($data['current'])) {

// Extract relevant weather information

$temperature = $data['current']['temp\_c'];

$weatherDescription = $data['current']['condition']['text'];

// Output the weather information

echo "<h2>Weather in {$city}</h2>";

echo "Current temperature: {$temperature}°C<br>";

echo "Weather: {$weatherDescription}";

} else {

echo "Failed to fetch weather data";

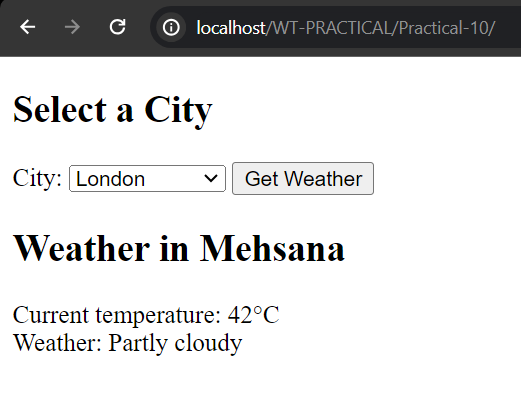
}

}

?>

</body>

</html>

**Output:** ****