

**LAB 9 : a. Implementing an application to fetch weather details using Weather APIs.
b. Implementing an application to fetch cricket/stock details using relevant APIs.**

```
<!DOCTYPE html>
<html>
<head>
    <title>Weather API</title>
</head>
<body>
<?php
if(isset($_GET['city'])) {
    $apiKey = "ae2baf47071839accbb2cecbfefe499c";
    $cityId = $_GET['city'];
    $googleApiUrl = "http://api.openweathermap.org/data/2.5/weather?q=" . $cityId .
    ".IN&APPID=" . $apiKey;
    $ch = curl_init();
    curl_setopt($ch, CURLOPT_HEADER, 0);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
    curl_setopt($ch, CURLOPT_URL, $googleApiUrl);
    curl_setopt($ch, CURLOPT_FOLLOWLOCATION, 1);
    curl_setopt($ch, CURLOPT_VERBOSE, 0);
    curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
    $response = curl_exec($ch);
    curl_close($ch);
    $data = json_decode($response); } ?>
<div style="text-align: center;">
<h1>WEATHER ONLINE</h1>
<form method="GET" action='weather.php'>
City name: <input type="text" name="city">
<input type="submit" name="city_submit">
</form>
<?php
if (isset($_GET['city_submit'])) {
if(!isset(($data->message))) {
echo "
<h2>". $data->name ." Weather Status</h2>
<h2>Wind: ". $data->wind->speed ." km/h</h2>
<h2>Sky: ". $data->weather[0]->description ." </h2>
<h2>Humidity: ". $data->main->humidity ." %</h2>
<h2>Temperature: ". ($data->main->temp)." °C</h2>
";
}
else {
echo "<h2>City Not Found. Please Check City Name Again</h2>"; } }
?></div>
</body>
</html>
```