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Weather Web Services

Json Url:

http://api.wunderground.com/api/2e02969defcb4a64/geolookup/conditions/q/TX/Little_Elm.json

File Name:

preethisethu.html   ../../../preethisethu.html

Source Code:

```
<html>

<head>

<title>

REST service implementation by Preethi Sethu Ragunathan

</title>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.5.1/jquery.min.js"></script>

<script>

jQuery(document).ready(function($) {

  $.ajax({

url : "http://api.wunderground.com/api/2e02969defcb4a64/geolookup/conditions/q/TX/Little_Elm.json",


  dataType : "jsonp",

  success : function(parsed_json) {

var city = parsed_json['location']['city'];

var country_name = parsed_json['location']['country_name'];

var zip = parsed_json['location']['zip'];
```

```
    var lat = parsed_json['location']['lat'];

    var lon = parsed_json['location']['lon'];

    var temp_f = parsed_json['current_observation']['temp_f'];

    var temp_c = parsed_json['current_observation']['temp_c'];

    var icon_url = parsed_json['current_observation']['icon_url'];

    var weather = document.getElementById('wuDiv');

    weather.innerHTML ="The Co-ordinates of " + city + " are : " + lat + " , " + lon + "<br/>" + " Current
temperature in " + city + ", " + country_name + " is: " + temp_f + " F / " + temp_c + " C" + " <img src="
+icon_url+ " />" + "<br/>" + "Zip code of " + city + " is : " + zip  ;

    }

   });

});

</script>

<link href="main.css" rel="stylesheet" type="text/css"></link>

</head>

<body>

<div class="main-title"><h1>SOA with REST</h1></div>

<div><br/><h2>WeatherUnderground REST services<h2></div>

<div id="wuDiv"></div>

</body>

</html>
```
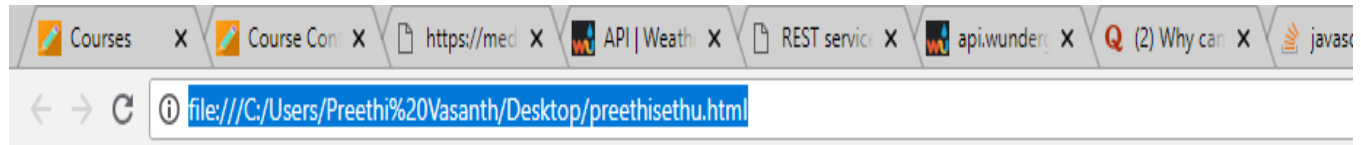
Screenshots:

Web browser

SOA with REST

WeatherUnderground REST services

The Co-ordinates of Little Elm are : 33.18000031 , -96.94000244

Current temperature in Little Elm, USA is: 91.8 F / 33.2 C
Zip code of Little Elm is : 75068