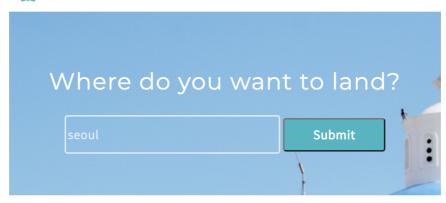
1. Codecademy - Learn JavaScript Syntax : Requests

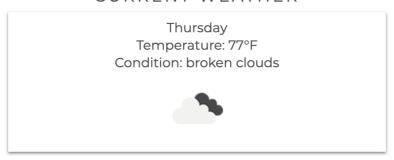
Project 1. Wanderlust (여행지 날씨, 장소추천 애플리케이션)

Foursquare API 와 OpenWeather API 를 사용하여 받아온 응답으로 웹페이지를 만들어보자.

्री wanderlust



<mark>서울특별시</mark> CURRENT WEATHER



TOP ATTRACTIONS



TOP ATTRACTIONS

남산산책로



Address:

용산구 남산공원길 서울특별시 대한민국

반포한강공원



Address:

서초구 신반포로**11**길 **40** 서울특별시 대한민국

올림픽공원



Address:

송파구 올림픽로 **424** 서울특별시 대한민국

API 호출 순서

- 1. Add API Information
- 2. Get Data from Foursquare
- 3. Get Data from OpenWeather
- 4. Render Data from Foursquare API
- 5. Render Data from OpenWeather

JS 전체코드

```
// Foursquare API Info
const clientId = 'NU55WEIIMKBPSC5FS3LAV503K4XBEWZ4FBUHEVC4CIC0E05T';
const clientSecret = '5CDPB40RTHYLZUWLG1442ERQ5BZTHHA0YGSVFN1RBUUIKEU1';
```

```
const url = 'https://api.foursquare.com/v2/venues/explore?near=';
// OpenWeather Info
const openWeatherKey = 'f1dc0f4f21346392fcf6d7df8780e05b';
const weatherUrl = 'https://api.openweathermap.org/data/2.5/weather';
// Page Elements
const $input = $('#city');
const $submit = $('#button');
const $destination = $('#destination');
const $container = $('.container');
const $venueDivs = [$("#venue1"), $("#venue2"), $("#venue3"), $("#venue4")];
const $weatherDiv = $("#weather1");
const weekDays = ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday'];
// Add AJAX functions here:
const getVenues = async () => \{
  const city = $input.val();
const urlToFetch = `${url}${city}&limit=10&client_id=${clientId}&client_secret=${clientSecret}&v=20210902`;
   const response = await fetch(urlToFetch);
    if (response.ok) {
       const jsonResponse = await response.json();
       const\ venues\ =\ jsonResponse.response.groups[0].items.map(item\ =>\ item.venue);
       return venues;
  } catch(error) {
    console.log(error);
};
const getForecast = async () \Rightarrow {
  const \ urlToFetch = `$\{weatherUrl\}?&q=$\{\$input.val()\}&APPID=$\{openWeatherKey\}`;
  try {
    const response = await fetch(urlToFetch);
    if (response.ok) {
      const jsonResponse = await response.json();
       return jsonResponse;
  } catch(error) {
    console.log(error);
// Render functions
const renderVenues = (venues) \Rightarrow {
  $venueDivs.forEach(($venue, index) => {
     // Add your code here:
    const venue = venues[index];
     const venueIcon = venue.categories[0].icon;
    \verb|const venueImgSrc = `$\{venueIcon.prefix\}bg\_64\$\{venueIcon.suffix\}`; \\
     let venueContent = createVenueHTML(venue.name, venue.location, venueImgSrc);
    $venue.append(venueContent);
  });
  $destination.append(`<h2>${venues[0].location.city}</h2>`);
const renderForecast = (day) \Rightarrow {
  // Add your code here:
  let weatherContent = createWeatherHTML(day);
  $weatherDiv.append(weatherContent);
const executeSearch = () \Rightarrow {
  $venueDivs.forEach(venue => venue.empty());
  $weatherDiv.empty();
  $destination.empty();
  $container.css("visibility", "visible");
getVenues().then(venues => renderVenues(venues));
  getForecast().then(forecast => renderForecast(forecast));
  return false;
3
$submit.click(executeSearch)
```

```
<!DOCTYPE html>
<html>
 <head>
   <meta charset="utf-8">
   <title>Wanderlust</title>
   <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet">
<link href="https://fonts.googleapis.com/css?family=Source+Sans+Pro|Work+Sans" rel="stylesheet">
 </head>
 <body>
    </header>
   <main>
    <h1>Where do you want to land?</h1>
    <form autocomplete="off">
      <input type="text" id="city">
      <button id="button" type="submit">Submit
    </form>
   </main>
   <div class="container">
   <div id="destination">
   <div class="sectiontitle">
    <h2>CURRENT WEATHER</h2>
   </div>
   <section id="weather">
      <div class="weather" id="weather1">
      </div>
   </section>
   <div class="sectiontitle">
    <h2>TOP ATTRACTIONS</h2>
   <section id="venues">
    <div class="venue" id="venue1">
    </div>
    <div class="venue" id="venue2">
    <div class="venue" id="venue3">
    </div>
   </section>
   <footer>
   </footer>
 </div>
   <script
 src="https://code.jquery.com/jquery-3.2.1.min.js"
```