



## 2. AJAX Load

Use **jQuery** to **write** a JS function that loads an online resource into a div with **id "text"**. Make a request to **"text.html"** and replace the target div's content with the returned **HTML**. Create the files **ajax-load.html** and **text.html** and place them in the same folder, so that your script can find the latter.

Submit your **loadTitle** function.

### Skeleton

ajax-load.html
<pre>&lt;!DOCTYPE html&gt; &lt;html lang="en"&gt; &lt;head&gt;   &lt;meta charset="UTF-8"&gt;   &lt;title&gt;AJAX Load Example&lt;/title&gt;   &lt;script src="https://code.jquery.com/jquery-3.1.1.min.js"&gt;&lt;/script&gt; &lt;/head&gt; &lt;body&gt; &lt;div id="text"&gt;   &lt;h1&gt;AJAX jQuery.load()&lt;/h1&gt;   &lt;button onclick="loadTitle()"&gt;Load Title&lt;/button&gt; &lt;/div&gt; &lt;/body&gt; &lt;/html&gt;</pre>

text.html
<pre>&lt;h1&gt;Voilla!&lt;/h1&gt; &lt;p&gt;I am a text loaded with AJAX request&lt;/p&gt;</pre>

ajax-load.js
<pre>function loadTitle() {   // TODO }</pre>

### Examples

<div>AJAX jQuery.load()</div> <div>Load Title</div>	<div>Voilla!</div> <div>I am a text loaded with AJAX request</div>
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### 3. Github Repos

Your task is to **write** a JS function that **executes** an **AJAX** request with **jQuery** and loads all user **github repositories** by a given username (taken from input field with **id "username"**) into a **list** (each repository as a **list-item**) with **id "repos"**. Use the properties **full\_name** and **html\_url** of the returned objects to create a link to each repo's GitHub page. If an **error** occurs (like 404 "Not Found"), **append** to the list a list-item with **text "Error"** instead. Clear the contents of the list before any new content is appended. See the **highlighted lines** of the skeleton for formatting details of each list item. Submit your **loadRepos** function.

#### Skeleton

```
github-repos.html

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>GitHub Repos</title>
  <script src="https://code.jquery.com/jquery-3.1.1.min.js"></script>
</head>
<body>
  GitHub username:
  <input type="text" id="username" value="k1r1L" />
  <button onclick="loadRepos()">Load Repos</button>
  <ul id="repos">
    <li>
      <a href="{repo.html_url}">
        {repo.full_name}
      </a>
    </li>
  </ul>
  <script>
    function loadRepos() {
      // AJAX call ...
    }
  </script>
</body>
</html>
```

#### Examples

GitHub username:

- [k1r1L/CSharp-Web-Development-Basics](#)
- [k1r1L/CSharp-Web-MVC-Frameworks-ASP.NET](#)
- [k1r1L/Databases-Advanced-Entity-Framework](#)
- [k1r1L/Databases-MS-SQL-Server-Exercises](#)
- [k1r1L/JavaScript-Advanced](#)
- [k1r1L/JavaScript-Fundamentals](#)

## 4. Phonebook

Use **Firebase** and **jQuery** to create a simple phonebook app. The user should be able to see all contacts, **loaded** from the server, **create** a new contact and **delete** any of the contacts. Use the lecture presentation for detailed instructions on this task. Place your code in a file called "phonebook.js", as shown in the skeleton. This task is not evaluated by the Judge, it is for practice only.

### Skeleton

```
github-repos.html

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Phonebook</title>
</head>
<body>
  <h1>Phonebook</h1>
  <ul id="phonebook"></ul>
  <button id="btnLoad">Load</button>
  <h2>Create Contact</h2>
  Person: <input type="text" id="person" />
  <br>
  Phone: <input type="text" id="phone" />
  <br>
  <button id="btnCreate">Create</button>
  <script src="phonebook.js"></script>
</body>
</html>
```

### Examples

