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Module 5: Adding External Libraries to Enhance HTML Applications > Assessment > Assessment

#1

(20/20 points)

You are creating a line-of-business web application for your organization. This application allows users to manage records retrieved from an API in a visual grid format.

Your web application requires you to support the modern MVC (model, view, controller) development pattern directly in JavaScript.

Which External Library should you use for this task?

☐ Bootstrap☐ jQuery☒ **AngularJS** ✓☐ Sass**EXPLANATION**

AngularJS supports two-way data binding between HTML views and JavaScript controllers. Using this you can support the MVC development pattern.

You have used 1 of 5 submissions

#2

(20/20 points)

Overview

jQuery

AngularJS

Bootstrap

TypeScript

Sass

Homework

Assessment

Assessment Questions 

► Wrap-Up

You are creating a portfolio page for a digital ad agency.

Your web page should be responsive and display elements in a fluid manner across both mobile and desktop browsers.

Which External Library should you use for this task?

☒ Bootstrap 

☐ jQuery

☐ AngularJS

☐ Sass

EXPLANATION

Bootstrap ships with a grid layout that allows you to build fluid web pages that look good on both desktop and mobile browsers.

You have used 1 of 2 submissions

#3

(20/20 points)

You are using jQuery to call a web service from your HTML web page.

Which jQuery function can you use to remotely call web services?

☒ \$.ajax(); 

☐ \$.remote();

☐ \$();

☐ \$.data();

EXPLANATION

It is possible in jQuery to perform browser-independent Ajax queries using \$.ajax and associated methods to load and manipulate remote data.

You have used 1 of 2 submissions

#4

(20/20 points)

You are using jQuery to manipulate elements in your HTML document. A snippet of your HTML markup is included below:

```
<article>
```

```
<aside>
```

```
Demo Text
```

```
</aside>
```

```
</article>
```

Which of the following jQuery selectors would include the above "aside" element in it's result set? Select all that apply.

☒ \$('article aside'); ✓

☒ \$('article > aside'); ✓

☒ \$('aside'); ✓

☐ \$('Demo Text');

☐ \$('aside > article');

☐ \$('aside article');



EXPLANATION

The \$('article > aside') and \$('article > aside') selectors would both include the mentioned aside element as it's a direct descendant of the article element. The \$('aside') element would also include the aside element along with any other aside elements on the same page.

You have used 1 of 2 submissions

#5

(20/20 points)

You are using Sass to generate CSS stylesheets for your web page.

You need to review each syntax that is supported by SassScript so that you can select your preferred syntax.

Which of these syntaxes are supported by SassScript? Select all that apply.

☒ SASS

☒ SCSS

☐ TS

☐ JS

☐ SGML



EXPLANATION

SassScript is the scripting language itself but Sass consists of two syntaxes. The SASS (indented) syntax and SCSS files are traditionally given the extensions .sass and .scss, respectively.

You have used 1 of 2 submissions

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