Congratulations! You passed!

Grade received 100%
To pass 80% or higher

[**Go to next item**]

1. Which of the following can be done using the developer tools in your browser? Select all that apply.

    1 / 1 point

☑ Inspect the HTML elements of a web page.

> ⊘ **Correct**
> That's correct! The Elements tab of the web browser's developer tools allows you to inspect the HTML of a web page.

☑ Check JavaScript error logs.

> ⊘ **Correct**
> That's correct! JavaScript error logs will be output in the Console tab of the web browser's developer tools.

☑ Inspect a timeline of HTTP requests and responses.

> ⊘ **Correct**
> That's correct! The Network tab of the web browser's developer tools allows you to inspect the timeline of HTTP requests and responses.

☐ Upload images to the web server

☑ Inspect the performance and memory usage of a webpage.

> ⊘ **Correct**
> That's correct! The Performance and Memory tabs of the web browser's developer tools allow you to inspect how the web browser is performing while displaying your web page.

2. In software development, a library provides _____.   **1 / 1 point**

◉ Reusable pieces of code that can be used by your application.

◯ A structure for developers to build an application with.

✓ **Correct**
That's correct! Libraries help you to be more efficient while developing your application by providing you with reusable code.

3. In software development, an API is _____.   **1 / 1 point**

◉ a set of functions that an application component or service can provide.

◯ a text editor to write code with.

✓ **Correct**
That's correct! As a developer you'll use APIs to interact with application components and services.

4. Which of the following are benefits of using an Integrated Development Environment (IDE) such as Visual Studio Code? Select all that apply.   **1 / 1 point**

☑ Syntax Highlighting

✓ **Correct**
That's correct! IDEs will highlight keywords in programming languages for you.

☑ Error Highlighting

✓ **Correct**
That's correct! IDEs will display syntax errors for you.

☑ Autocomplete

✓ **Correct**
That's correct! IDEs will suggest code while you type.

☐ Autodelete

☑ IntelliSense

✓ **Correct**

That's correct – IDEs will help you rename functions and change function parameters throughout your application.