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

☑ Inspect the HTML elements of a web page.

⊘ **Correcto**
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.

⊘ **Correcto**
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.

⊘ **Correcto**
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.

⊘ **Correcto**
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 punto**

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

○ A structure for developers to build an application with.

⊘ **Correcto**
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 punto**

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

  ◯ a text editor to write code with.

> ✓ **Correcto**
> 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   **1 / 1 punto**
Environment (IDE) such as Visual Studio Code? Select all that apply.

  ☑ Syntax Highlighting

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

  ☑ Error Highlighting

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

  ☑ Autocomplete

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

  ☐ Autodelete

  ☑ IntelliSense

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