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

A. Inspect the HTML elements of a web page.

B. Check JavaScript error logs.

C. Inspect a timeline of HTTP requests and responses.

D. Upload images to the web server

E. Inspect the performance and memory usage of a webpage.

2. In software development, a library provides \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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

B. A structure for developers to build an application with.

3. In software development, an API is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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

B. a text editor to write code with.

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

A. Syntax Highlighting

B. Error Highlighting

C. Autocomplete

D. Autodelete

E. IntelliSense