JavaScript - Questions

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Questions

1. Encapsulating JavaScript code in a module makes it easy to use, update, and reuse it. Furthermore, encapsulating JavaScript code in modules also provides structure to a program.

2. Asynchronous programming is a style of programming whereby a statement/operation does not have to be finished executing for the next statement/operation to be executed. Instead, statements/operations are executed in one go, and the result of a statement/operation will be handled once the result is available. This style of programming differs from the style of programming used in C and Python, where a statement/operation must be finished executing for the next statement/operation to be executed.

3. All valid JSON is JavaScript, but not all JavaScript is valid JSON. There are two important differences between JSON and JavaScript:

   - In JSON, all keys should be in double quotes. This is not required in JavaScript.

   - In JSON, a value should not be `function` or `undefined`. This is allowed in JavaScript.