Callback and Returning function

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What is a callback?

- A callback is a function that is to be executed after another function has finished execution.

- Alternatively, we can also define it as any function that is passed as an argument to another function so that it may be executed in that other function is referred to as a callback function.

Callback Hell

- It is nested callbacks stacked below one another forming a pyramid kind of structure.

- Every callback here, waits for the previous callback, thereby affecting the readability and maintainability of the code.

Example

Returning a function

- When a *return* statement is encountered in a function body, the execution of the function stops.

- If specified, a given value is returned to the function caller.

- In higher-order function concepts, we saw that functions can also return a function.

Example 1

Example 2