

**Q6.** What is callback hell? Explain different ways to solve callback hell with examples each.

A6: Callback hell is a term used to describe the situation where callbacks are nested within other callbacks, resulting in deeply nested and hard-to-read code. Making difficult for the developers to understand highly linked code.

1. We can avoid callback hell, by using promises or promise chaining. In such a scenario every function returns a promise, which are chained together using the then method. The catch method on the other hand is used to handle any errors that may occur.
2. Or we can make use of async/await, which is even more concise than the promise chaining.

Callback function example: