

Written Exercises

1. Explain why we do want sometimes to use **setImmediate** instead of using **setTimeout**?

setImmediate is executed immediately after the last I/O callback and thus is faster while **setTimeout** might not be executed immediately as no guarantees can be made about when it will be executed.

2. Explain the difference between **process.nextTick** and **setImmediate**?

All **process.nextTick** callbacks are executed immediately after the current operation in any phase of the event loop completes while **setImmediate** runs in the check phase of the event loop.

3. Name 10 core modules that Node provides by default?

http, https, buffer, fs, path, v8, os, timers, url, util