1. What will be the order of execution between setImmediate(callback) and setTimeOut(callback, 0).

setImmediate(callback) sets this callback into the check phase of event loop

setTimeOut(callback, 0) sets this callback into the timer phase of event loop.

Timer phase is previous of check phase in order operations of event loop then callback in setTimeOut(callback, 0) is executed before setImmediate(callback)

1. Explain the difference between process.nextTick and setImmediate? What will be the execution order?

process.nextTick is not part of the event loop. There’s a nextTick queue for the callback.

Node processes all the callbacks in the nextTick queue after the current opertation is completed and before the event loop continues.

setImmediate is a part of the event loop. The callback is pushed into the check phase queue.

1. Name 10 core modules that Node provides by default.

| Core Module | Description |
| --- | --- |
| [http](https://nodejs.org/api/http.html) | http module includes classes, methods and events to create Node.js http server. |
| [url](https://nodejs.org/api/url.html) | url module includes methods for URL resolution and parsing. |
| [querystring](https://nodejs.org/api/querystring.html) | querystring module includes methods to deal with query string. |
| [path](https://nodejs.org/api/path.html) | path module includes methods to deal with file paths. |
| [fs](https://nodejs.org/api/fs.html) | fs module includes classes, methods, and events to work with file I/O. |
| [util](https://nodejs.org/api/util.html) | util module includes utility functions useful for programmers. |