QUIZ

What common method is actually a thin wrapper on the `process.stdout.write()` method?

`console.log()`

👏 Correct! `process.stdout.write()` (and `console.log()`) provide output to the terminal.

`process.stdin.on()`

What is it called when we process data sequentially, piece by piece?

A stream.

👏 Right!

A database.

A river.

What callback style should be provided for many of Node's asynchronous APIs in order to handle errors thrown during asychronous operations?

An error-first callback function.

👏 Right! These callback functions are passed an error as their first argument if the asychronous task results in an error. Otherwise, the first argument will be `undefined`.

A higher order function.

An event loop.

A `requestListener` callback.

Which Node core module can be used to interact with the filesystem?

The `filesystem` core module.

The `events` core module.

The `process` core module.

The `fs` core module.

👏 Correct! The `fs` core module is an API for interacting with the file system

What does the acronym REPL stand for?

REPeat *Listen

Read Eval Print Loop

👏 Right! A REPL is a program which reads input from a user, evaluates the user's input, print out its evaluation to a console, and then loops through those states again.

Runtime Encapsulated Platform Layout

Repeat Execute Push Listen

In the following code, how long until the `shouldContinue` variable's value is changed to `false`?

```
let shouldContinue = true;

setTimeout(() => {shouldContinue = false;}, 2000);

while(shouldContinue === true) {
  console.log(`Looping, looping, looping...`)
};
```

It will never get changed to `false`.

👏 Exactly! This is an infinite loop bc the call stack will never be empty meaning the tasks on the event queue won't have the chance to run.

It will get changed to `false` after 2000 seconds.

What type is the value returned from invoking the `process.memoryUsage()` function?

A string.

A number.

An object

👏 Right! `process.memoryUsage()` returns an object with information on the CPU demands of the current process.

A function.

NPM is an online software registry— what does NPM stand for?

Node Process Maker

Node Package Manager

👏 Right!

Never Produce Malware

NoSql Product Marketer

We wrote a JavaScript program in a file named **helloWorld.js**. Which is the correct terminal command to run this program from the terminal?

```
helloWorld.js
```

```
node helloWorld.js
```

👏 Right! This will execute the JavaScript file **helloWorld.js**.

```
node app.js
```

```
node
```

If I run the file **app.js** with the terminal command `node app.js crazyMode`, how can I access the value `crazyMode` from within **app.js**?

`process.argv[2]`

👏 Right! `crazyMode` will be 3rd element in the `argv` array which is a property of the `process` object.

`process.argv`

`global.argv[2]`

`Node.args[0]`

Which Node core module has the `.createServer()` method for creating a `server` instance?

The `http` core module.

👏 Right! We when invoke the `http.createServer()` method with a `requestListener` function we create an `http.server` instance.

The `server` core module.

The `events` core module.

The `fs` core module.

Which Node function allows us to bring modules into a process?

getModule()

requireFrom()

require()

👏 Right! We can require in core modules or modules of our own using `require()`.

importModule()

What does the Node `EventEmitter` class's `.on()` method do?

The `.on()` method creates an instance of an `eventEmitter`.

The `.on()` method emits a named event.

The `.on()` method assigns a listener callback function to a named event.

👏 Right! The `.on()` method's arguments are the name of the event and the listener callback function.

The `.on()` method initiates a Node process.