NODEJS

One Liner Answer

Part 1

What is Node.js?

- Node.js is a runtime environment for executing JavaScript code outside of a browser.

What is NPM?

- NPM is a package manager for Node.js.

What is an event loop?

- The event loop is the mechanism that Node.js uses to handle I/O operations asynchronously.

engg.sahil

Sahil Singh

What is a callback function in Node.js?

- A callback function is a function that is passed as an argument to another function and is called when the task is completed.

What is the difference between Asyn and Sync code execution?

- In asynchronous code execution, tasks can be performed in parallel, while in synchronous code execution, tasks are performed in a sequential manner.

engg.sahil   Sahil Singh

What is the purpose of the "require" function in Node.js?

- The "require" function is used to load modules in Node.js.

What is a module in Node.js?

- A module is a reusable block of code that can be imported and used in other programs.

What is the "process" object in Node.js?

- The "process" object provides information about the current Node. process and allows you to control it.

What is the "fs" module in Node.js?

- The "fs" module provides an API for working with the file system in Node.js.
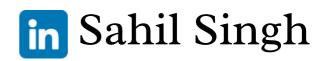
What is the "http" module in Node.js?

- The "http" module provides an API for creating HTTP servers and making HTTP requests in Node.js.

What is the "net" module ?

- The "net" module provides an API for creating TCP servers and clients in Node.js.

What is the "os" module ?

- The "os" module provides an API for working with the operating system in Node.js.

What is the "child_process" module in Node.js?

- The "child_process" module provides an API for spawning child processes in Node.js.

What is a Promise in Node.js?

- A Promise is an object that represents the eventual completion or failure of an asynchronous operation and its resulting value.

What is a stream in Node.js?

- A stream is a sequence of data that is processed incrementally in Node.js, rather than being loaded into memory all at once.

What is middleware in Node.js?

- Middleware is a function that can be executed before or after the main request handler in an HTTP server.

What is clustering in Node.js?

- Clustering is the process of creating multiple instances of a Node.js process to increase performance and handle more requests.

engg.sahil   Sahil Singh

What is the purpose of the "util" module in Node.js?

- The "util" module provides utility functions that are commonly used in Node.js programs.

What is a WebSocket in Node.js?

- A WebSocket is a protocol that provides a two-way communication channel between a client and a server in real-time.

What is the "crypto" module ?

- The "crypto" module provides cryptographic functionality in Node.js, such as generating hashes and encrypting data.

We daily add this kind of of posts so,if you wanna to see more content relate to code ,then follow

@engg.sahil

for more development code

SAHIL SINGH