What is Nodejs?

Node.js is an open-source, cross-platform JavaScript runtime environment that allows you to execute JavaScript code on the server side, outside of a web browser. It is built on the V8 JavaScript engine from Google Chrome and is designed to build scalable and high-performance network applications, particularly web servers and APIs. Node.js uses an event-driven, non-blocking I/O model, which makes it efficient and suitable for handling many simultaneous connections.

REPL stands for ****Read-Eval-Print Loop****. In Node.js, the REPL is an interactive shell that allows you to execute JavaScript code in real-time. It provides a convenient environment to test snippets of code, explore the Node.js API, and debug your JavaScript logic.

### Components of REPL:

1. ****Read****: It reads the input from the user.
2. ****Eval****: It evaluates the JavaScript code.
3. ****Print****: It prints the result of the evaluation to the console.
4. ****Loop****: It repeats the process for further input until the user decides to exit.