What Is Node?

Node.js is an open-source, cross-platform JavaScript run-time environment i.e. V-8 engine that executes JavaScript code server-side.

V-8 engine: - Open Source written in C++ that takes JS code and compiles is to machine code. V8 engine written in C++.

Browser has **window** global variable

Node has **global** as global variable

Browser has **document** as DOM element variable

Node has **process** as which process node has

Node.js uses an event-driven, non-blocking I/O model that makes it lightweight and efficient. Node.js' package ecosystem, npm, is the largest ecosystem of open source libraries in the world.

Lightweight as single thread

Argv- Argument Vector

process.argv - to read command line argument

**lodash** -module to work with array, string or other things

[**yargs**](https://github.com/yargs/yargs)Yargs helps you build interactive command line tools, by parsing arguments and generating an elegant user interface.

JSON.stringify(JSONobjectname)- convert json object into string

JSON.parse(JSONString)- convert json string into json object