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