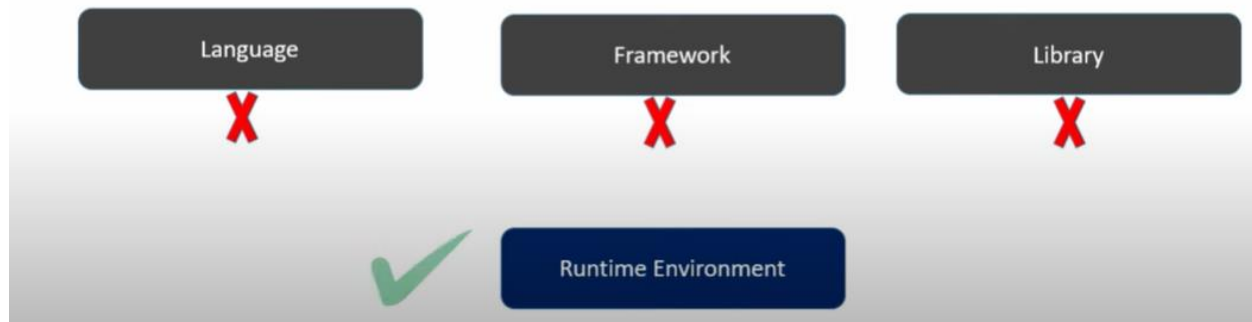# What is Node JS

Node.js is an open-source, cross-platform JavaScript runtime environment that allows you to execute JavaScript code outside of a web browser. It is built on the V8 JavaScript engine, which is also used by Google Chrome, and provides a runtime environment for server-side and network applications.

Language	Framework	Library
X	X	X

✓ Runtime Environment

Runtime Environment

Google

Frontend

node JS

JS

Server

Server-side Development

Backend

Advantages of 'NODE JS'

Node.js is a versatile runtime environment for JavaScript, and it is well-suited for building a wide range of dynamic applications, including web applications.

Authentication:
Authentication is the process of verifying the identity of a user.
There are various authentication methods you can use in Node.js:

Authorization:
Authorization determines what actions a user is allowed to perform within the application after they have been authenticated.

Performing user transactions with a database in a Node.js application involves interacting with the database to read, write, update, or delete data related to users.

Accessing APIs in a Node.js application involves making HTTP requests to external services or APIs to retrieve data or interact with remote resources.