Node js :

An asynchronous Event driven js framework used to make scale able applications.

Asynchronous : event happens in a hierarchical way.

Runtime environment : build application on computer using js which runs on server (computer hosting the website) and node js allows to access that JavaScript.

It means that it can run v8 engine (built on c++ used in chrome) outside the browser for example in vs code because we have to use a browser to run js wherin by using the node js we don’t require browser to javascript.

Node js provides

It can easily be used to npm javascript modules.Modules are like block of code written by other programmers for specific tasks such as CODE FOR CALENDER , MEDIA PLAYER OR ANY OTHER SUCH THING.

NPM IS node package mananger.

We install calender package and integrate can integrate in our web app .

It can handle thousand requests at the same time i.e saving your post on server , fetching it for another user.

Node repl :

Repl stands for Read , evaluate , print loop

It’s where inputs are read , evaluated and results are given back.

Packages in node js : fs , http , path ,crypto

Documentation :

1. File system :

Allows us to access the local storage on the server side.

1. Crearting a file using the File system of node js.
2. Node Package Modules
3. Body Parser is the pre processor Module .
4. Morgan is the Logging Module.

It is used for logging the request on the server .

It gives the date time , browser type , url from where the request was thrown.