**Day 2 : 25 Aug 2024**

http module : http is a type of core module provide by node. Which help to create server as well responsible to receive the request from client and the response.

Req(http/https)----🡪

Client server

🡨--Res(http/https)

url module : this module provides set of property and function which help to extract url details.

Http moduel part of node js provide few event.

req.on(“eventName”,callback)

node JS web third party modules

1. Express JS
2. Koa JS
3. Hapi JS
4. Etc

Express JS is third party web node js framework which help develop web application using node very easily. It help us to serve static file like html, css every easily. It provide lot in built middleware. It help develop rest api very easily. It support all http protocol method like get, post, put, patch and delete. Express JS base upon http module. Express JS provided lot of view engine as Jade, Pug etc.

Create web application in node js using third party module ie express module

First you create separate folder express-demo-app

npm install express

this command download all required dependencies as well as create package.json file.

In Express JS use middleware module ie body-parser . This module is use to extract the data from request body part ie raw data or json or xml data.

Express 3.x version we need install this module separately. But from new version of express js this module present with express module

Syntax to use middleware modules

app.use(MiddlewaremoduleName); these can be pre defined or user defined.