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*Introduction of node js

*Advantage of nodejs

*Node REPL environment

*How to enter into REPL environment

-go to command prompt and write: node (enter)

-to come out REPL environment: .exit or Ctrl+D (press enter)

-how to save file : .save filename.extension

-how to load javascript file into repl environment: .load filename.extension

*Modules in nodejs

1.Core Module : -module which is provide by nodejs to us.

-we can use it directly in our app.

-first import it and then use it.

2.Local Module :-module developed by developer for general use in application

-first we have to create it. then import it in required file.

-once you import it,. then we can use it.

3.Thirdparty Module : -module which is already developed by thirdparty vendor and available in npm repository.

-to use it first we have to install it.

-once installed successfully then import and use it.

*core module

1.path : it is core module available in nodejs which provide directory structure and .

in node we have two directory which information regarding folder path

__basename: it return directory path

__filename: it return file path

*os core module : it provide us information about operating system

*How to use thirdparty module

step1: install it by using npm

step2: import it in program or code

step3: use it

*chalk

*validator

*chalk-animation

*fs Module : it is core module which is use to perform file read and write operation.

-we can read and write file synchronously and asynchronously

http module : it is use create sever

*How to make multiple request

*Nodemon : it is library which trac our server and it will restart server automatically when it changes in server code.

npm install -g nodemon

how to execute file with nodemon

> nodemon filename.js

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*We make revision how to create server

*How to display html file on server

*use of Dotenv

*how to use dotenv file

step1: install it

npm install dotenv --save

step2: create dotenv file by writting .env

step3: store your credential

step4: access it in your code by importing it

```
require('dotenv').config(); // importing
process.env.VariableName // accessing
```

*prompt module

npm i prompt

*Express

-introduction of expresjs

-Advantages of expresjs

-how to install and use it

npm i express

*how to make multiple request

*How to use API() Checker

*how to use static assetes