Exponess do => It is a free and open-bounce web application framework for Node is
=> It is used for designing and building web applications quickly and easily and easily It is an unopinionated framework

L' Unopinionated framework is

flexible and allows you to do things

en whatever way you wish. Installing => Download and einstall VS code and Node js. Greate package json by mpm init. inpin install expness -- save > Express will be einstalled. CREATING A HITTP SERVER IN EXPRESS i) Greate a file Inclex-js ii) Open the documentation of exponess World. The code for Hello

	Date / /
9	The app nesponds with "Hello world"
	for nequest to the most LIRL(1)
=)	Fon every other path it will nespon
	with 40-1 not found
	If you would do it in node, it
	will take a lots of if-else statement
	Thundenclient
7	It allows us to stay in Vs code
	and do Resting of APIS.
>	It is a HTTP client extension.
	Cheate index. Intole and white some
j)	Cheate index. Intol and white some
	content.
ii) In Index. jo
	('
	Const express = nequine ('express')
	Coinst path = negunne (path)
	Const app = express ('path')
	Const pont = 3000
	1 (nec nes) => {
	Appoget ('/', (neq, nes) =) { nes. send ('Henowonld')}
_	

App.get ('Jabout', (neg, nes) =) {
nes. sendfile (Path. join) (__dinnance)
'index | index. Intml) Dpp. listen (pont, () =) {
Console.log ('Npp listerning at http://
localhost: \$ {pont3'})

3) Mesult: The above code checite two pages one with noot unl (1) and other with (/about'). end other render Hello world and other will nenden content of Changing Status code of labout app. get ('labout', (neg, nes)) {
nes. sendfile (path. join (_dinname)
index.html)} nes. Btatus (500) 3).
- Change to 500

	Date / /
	Sending Joon file To send Joon file in Jabout
•)	To seind Joon file in Jabout
	The state of the s
	app. get (/about, (neg, nes) =)
	app.get ('/about', (neq. nes) =) { nes-json ("Manny" = 34)}
	* Exponess automatically sets the
	* Exponess automatically sets the
	Tip: Install JOON Jonnatten. It make
	Tip: Install Joon John atten. It make easy to panse large Joon file.
Maria de la compansión	
	Senving a Folden
•)	Senving a Folden Greate a public folden and enside it
•)	Senving a Folden Greate a public folden and enside it create index. Intml
•)	Greate a public folden and enside it
•)	Greate a public folden and enside it
•)	Greate a public folder and enside it create index. Intml Import path module Const path = require ('path')
•)	Greate a public folder and enside it create index. Intml Import path module Const path = require ('path')
•)	Greate a public folder and enside it create index. Intml Import path module Const path = require ('path')
•	Greate a public folder and enside it create index. Ithmi Import path module Const path = require ('path') Appease (express. Static (path. json (
9	Greate a public folder and enside it create index. Ithmi Import path module Const path = require ('path') Appease (express. Static (path. json (
9	Greate a public folder and enside it create index. Intml Import path module Const path = require ('path')

Date / /

Middlewane: functions that have access
to the nequest object (neq), the
nesponse object (nes).

Waniting our own middleware

61737 Pikamiddlewane = (neg, nes, next)

=> & Console. Rog (neg) next() }

**Rpp.use (Pikamiddlewane)

Next(): function in Expness nouten which, when invoked, executes the middlewane succeeding the cunnent middlewane.

Panametens

They are named URL segments

that are used to capture the values

specified at their position in the

URL.

Eg. app.get ('/hello/: name', (reg, res)

= & fres. send ('Hello world' +

neg. panams.neme)

3)

* Cneating Blogexpness (Pnoject)

i) Cnecite a noute folden and Blog. js
inside et. inside et. indext. him. Inside it we are writing.

indext. him. Inside it we are writing.

This is to the erge'

iii) Inside Static Jolden, (neate index2.js. In inclex 2, is

3 Copy the content of old inclex. is and write. app.use (Express. static (path. join /_-din
name, "static")))
Screated golden app.use ('/', nequine (path. join (--din name, noutes/blog.js))) 3) Juiden. In Blog. js, wnite (onst express = nequine ('express') (onst path = nequine ('path') Const nouten = express. nouten () res. sencifile (pattingoin (-dinname, .. (templates (index 2. Intink)) 5 As the file is present in outer Juiden (Not inside noutes Julden).

	Date / /
	(4) and reserve and sufference of
	module. expost = stoutest.
	modules expositions of the second exposition o
	Result: The content of Index 2. html
	Result: The content of Index 2. html will be nendened in our noute unl(1) In our case 'This is Blue page' will be printed
	In our case 'This is Blue page' will
	be printect.
	No index 2,15
	Now serving two pages, we want.
;	1/1 18100
,	4. Translation & Blockmine dation acts
	Now, senving two pages, we want. I' ii) (Blog. 15 Judex2-Introl Bloghome Introl gets is nendened nendened
	15 nemed 1610cmed
*	Capaza a Blackame Himl and are
	ane writing 'This is blog page'.
V	
¥	Crecite Blogs. js blogs = [& " " " " " " " " " " " " " " " " " "
	62095 = [50
	title: "Python" - Annay Content: "Let python" of
	Content: "let nuthon" of
	object
	27'
1	madula = 2
	module export = blogs

DOM	5	Page No.
Date	1	1

In Blog. js Corret Blogs = mequine ('.-/data/blogs')

nouten.get ('/blog', (neg, nes) =) {
nes. sendfile (path.join (--dinname,
'.. /templates/index2.html')) }
Bloghome

blogs. Joneach (e =) {
Conside. log (e. title) };

Result: BlogHome. Intim) gets served in /blog and content of blogs. js gets printed in the terminal.

=) Now what if we want to whow our blogpost in /blog instead of bloghome. Introl. Something like this

| Thomas | Blogs | Ablogpost/Blug
| Blogpost => Click and it
| Blogpost | blogpage-html

To do so, Open Blogs. js

Blog = [{

title: "Python"

Content: "Learning with P.C."

Mone objects

in the content of the cont Mone objects in this annay can ! be added. Gregte Blogpage. Introl and white something, we are writing content here! In Blog. is
nouten.get ('/blogpost/: Blug', (neg, nes)
=) Emy Blog = Blogs. filten((e) =) { netunn e.slug = neg.panams. slugg)

(onsole. log (my Blog)

nes. sendfile (path. join (--dinname,

'. /template / blogpage. html)

Senving this file tilten: This method concates a mea annay with all elements that pass the test implemented by the provided Junction.

DOMS	Page	No.
Date		/

Express Handlebans: Onganise data

Pugi Template engine fon the node

Handleban: Helps in JS templating

But we are going to use express
Anandlebans.
Express. handlebans: It is an inpin
pactrage.
To install:

Inpin install express - handlebans

Structure:

Ly Views

Layout foldens

SMain. handlebans

In main han dleloan

This file will be nendened in

the Cnowsen.

Copy the pre-define code of main.

{ { { 6 6 000 } } } } 1 Content of Home handleban will be served here. And main handleban will be served in browsen Greate Home. handlebans. =) Write Something, like This is H.hb In index. is, copy
van exphis = nequine ('express-habors);
app. engine ('handlebans', exphis());
app. set ('viewengine', 'handlebans'); In Blog. js nouten. get ('/', (neg, nes) =) { nes. nenden ('../home); }) will be printed in browsen Now we want to do 3109 Home - render Content of
BlogHome handleban

		Date / /
	6	et bootstrap in main. handlebars.
	Re	member to use tinel = "/blag"
	/\C	nomben to use times = "/blag" hnes = "/"
	7	- Blac Hanse handlebans (Greate in
	1	in Blog Home-handlebans (meate in views)
		Views)
		0.2
)	-6	ise Each helpen, Kilke, serve 6109
	-	2) # each 6/09 599
	1	Ise Each helpen, like, serve blog { # each blog 5}} { Ethis. titlegg
		Eleach 3
	1	
		In Blog. js nouten. get ('/blog', (neg, nes) =) { nes. nenden ('biog Home', blogs: blogs;
		nouten get ('/blog', (neg, nes) =)
		nes. nenden ('15109 Home', blogs:
		5/0953;
	=)	Your content will be nendered.
	3×	You can combine link with the
		nendened text, with help of schnes, and can extend the structure
		and can extend the structure
		# All the best

1 050 140.