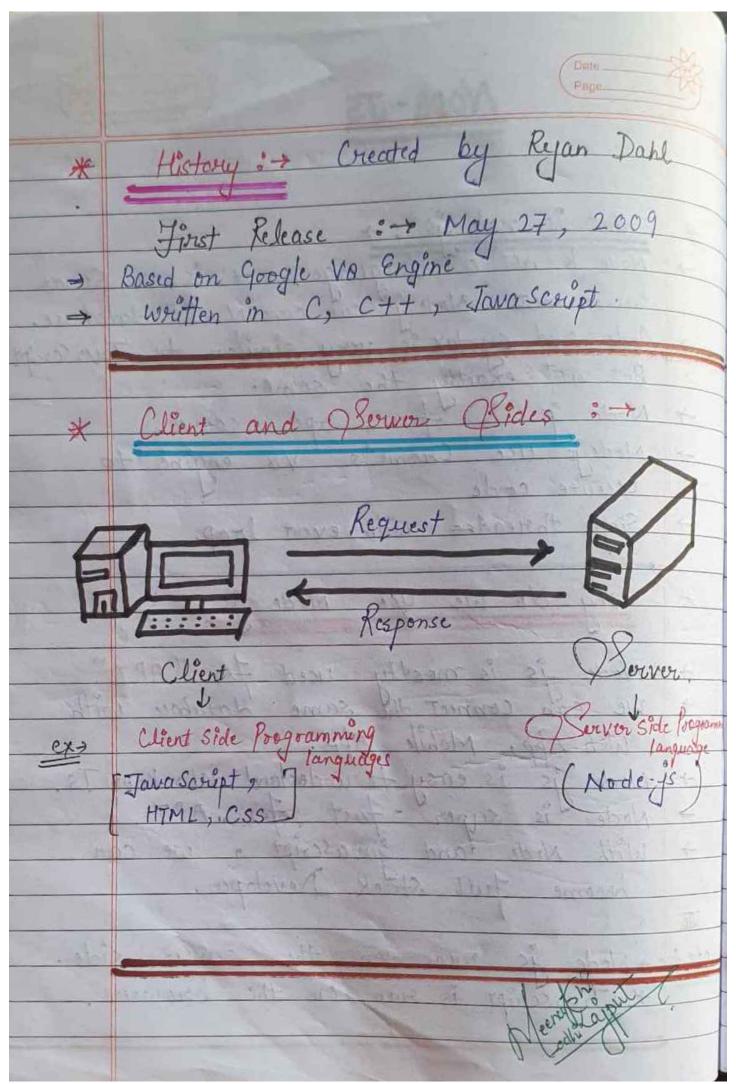
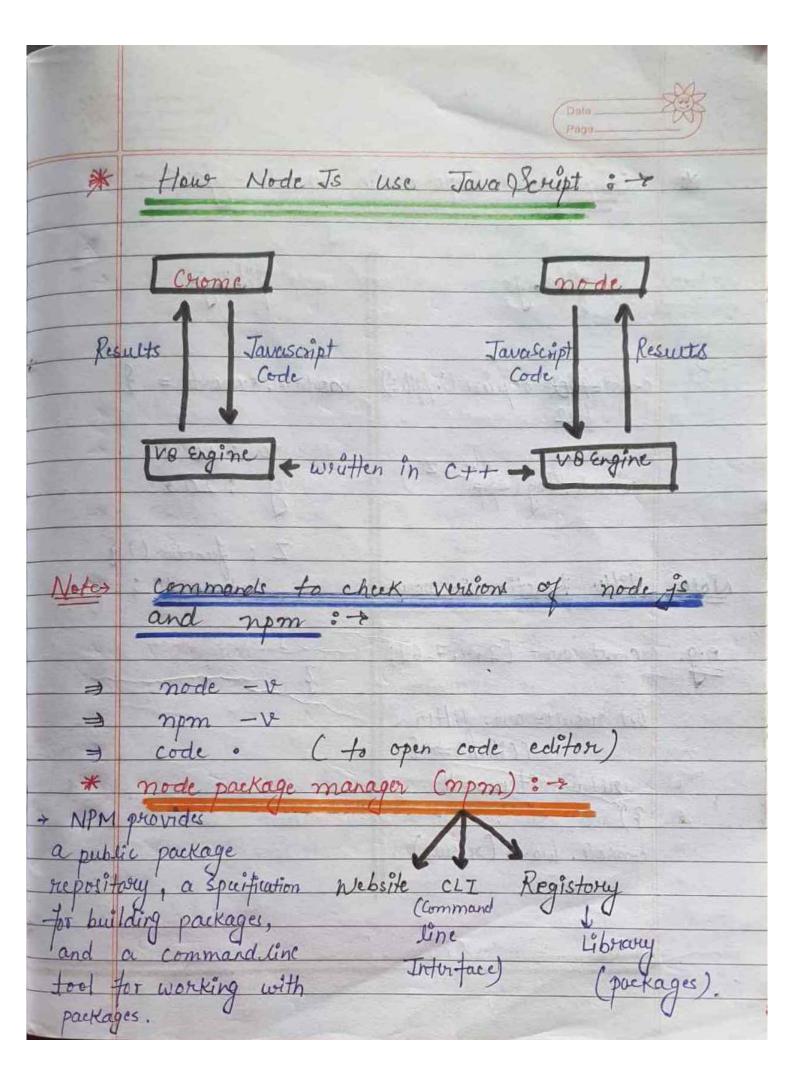
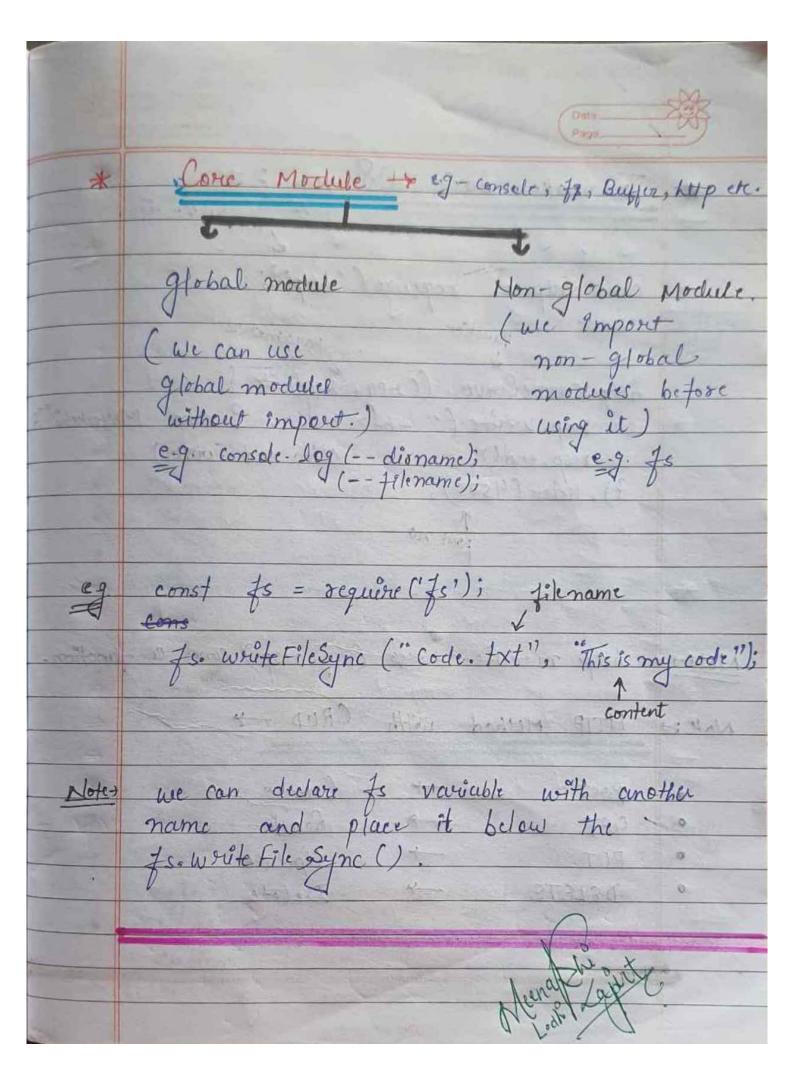
FUNCT 33

	Node-Js
	Letter Branch Berger
*	what is node is:
->	Node & not a language, It is a sever
	environment. Node is can connect with database.
>	Code and syntax is very similar to Javascript
	But not exactly the same.
-10	Node js is free, open-source.
7	Nodejs use Crome's V8 engine to
7	Single threaded with event loop.
	ongle anateured tour evan acop
*	Why do we use Node is: >
+	We can connect the same database with
	We can connect the same database with
-	Web App, Mobile App. Node is is easy to undestand who know Is
->	Node is super fast for APIs.
+	With Node and garascript , we can
-	With Node and javascript , we can become full stack Developer.
	* + Node js runs on the sewer side. + Javascript is run on the browser.





		Date Page
*	Import - Export	n node-je: >
	filet.js	file2. js
District	A LAND TO STATE OF THE PARTY OF	As Tonger Control
	const file? require (':/file?')	module. exports = {
	console. leg (afile2. ZC)	y:20;
		Z: function () {
Note	filter function in arouge	
e.g.	const ovr = [2,4,7,6];	3
	let result= arr. filter ((item)=> {	The state of the s
	retwon item = 4	The second secon
	3)	Shiring you
10.1.18	console. warn (result)	Spending the l
	District the sta	of Continues of
E		THE PARTY OF THE P
(219)	1901	A PART OF THE PART

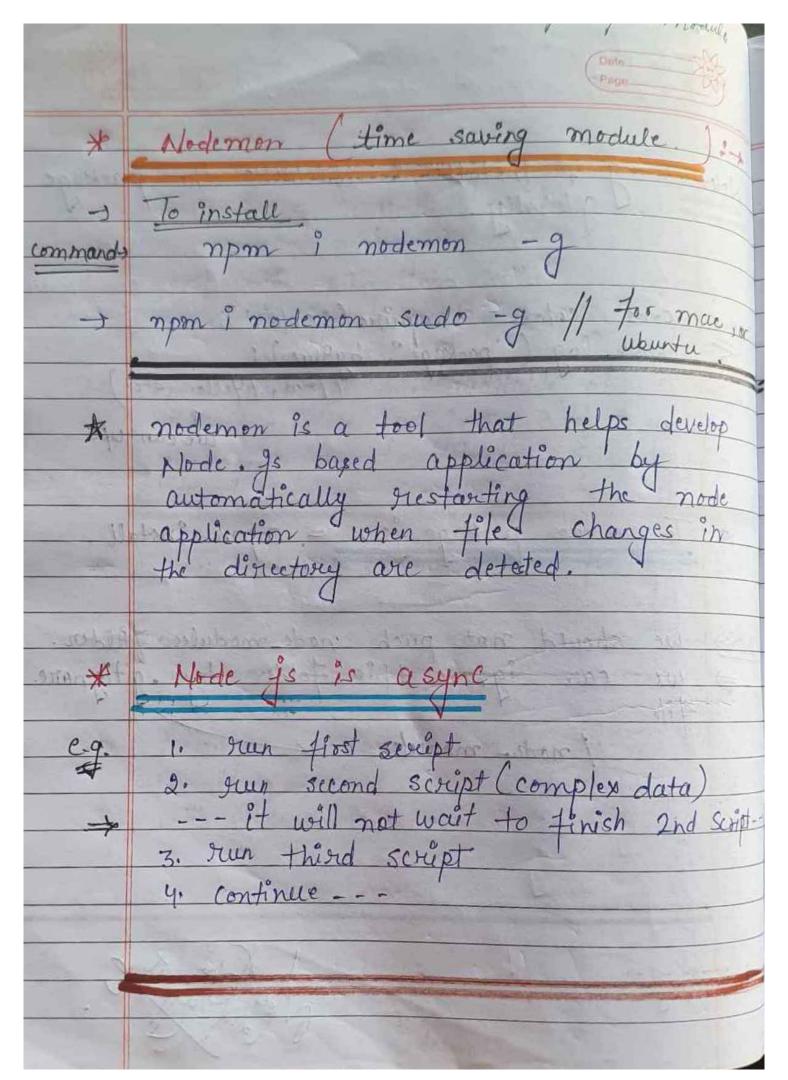


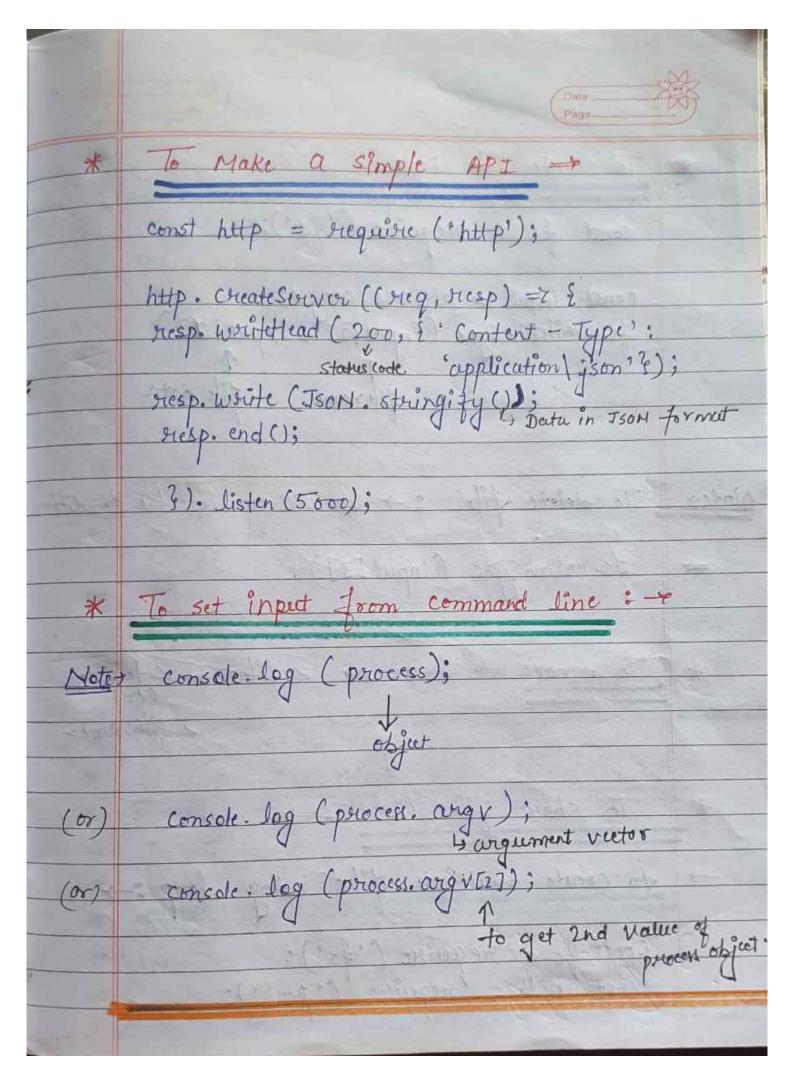
	Page Page
*	To make basic glerver = +
	module.
Modelle	const http = require ('http2);
	quiction parameters
- Decker	http. create Server (creq, resp) = {
	gesp. white (" 2ht > Hello, I am Munakeli"
	7 (4500); // Ho and Surver)
	pord no
NA.	
Notes	http module takes (jeg, resp) and a function.
Note:	HTTP Method with CRUD ->
200	Post Create
	POST - Create GET - Read
•	PUT - Update
•	DELETE Delete
	TO THE PINE TO SERVICE THE PERSON OF THE PER

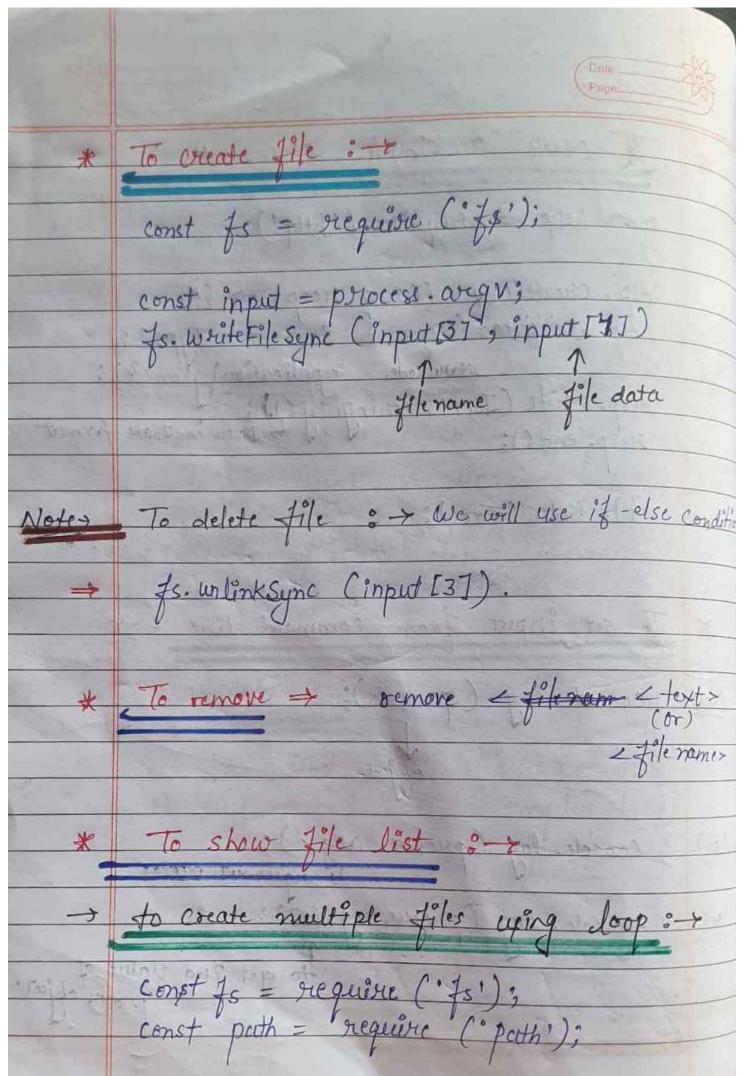
3	The package joon file contains metadata about the project, as well as, a list of application and development dependencies.
*	Package. Json :- y
	to create parkage. jeon >
a disamir	command = npm init is used to configure a project.
	It consists project informations -
	Name
•	Vorsion
	Dependencies
•	licence
•	Main file etc.
4-1	
	Packages or modules methods:
	Local Global
	parkages Parkages
	Let the harman bad a beneated tented
->	Packages can be installed locally or globally.
->	Local packages are stored locally in a
	project, in the node module folder.
+	Global package are stored globally on
1	system.
	The thinkered to continue of
186	Low surfect modernos

April 1	The same of the second of the same of the
100	The same of the same graded alternative part is the same of
->	Typically a local packages are code
+	Typically a local packages are code Typically a local packages are code Tibraries used by project. And global packages are executables used to perform some operations on a project such as running take
100	on a project such as turning tack
→	Local packages une available only within their specific project, and global packages une available system wide.
	THE PART OF THE PA
*	To install & constall Packages:+
4	Trènom finstall program is used to manage packages
→	Packages can be installed with the installed with the
10.34	with theuninstall command.
e.g.	npm install modemon – g npm in i nodemon
	npm uninstall nodemon -g

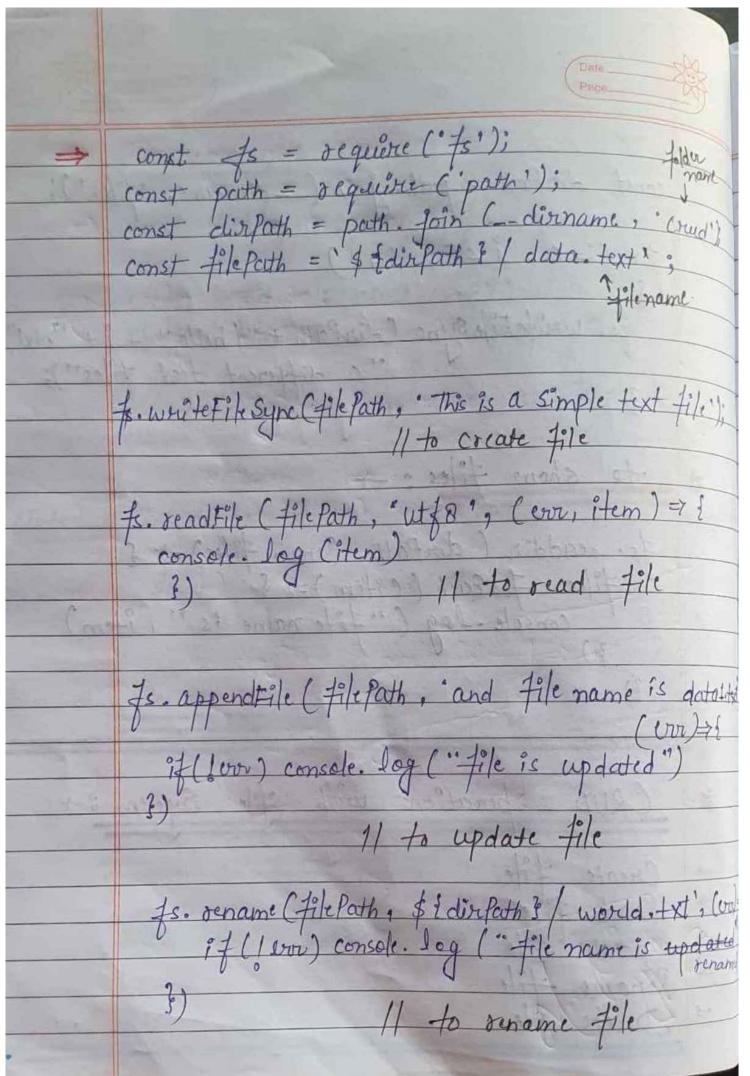
	DatePage
	Simbolic print Stail seminal to
Noke	= globally.
e.g.	const colors = require ("colors"); conste log ("package", byBlue); (1red, 14ellor etc.)
7	we can use
43.0	Date St. St. Commission of the state of the
*	To recover package jeon = npm install.
Note)	we should not push node_modules folder. we can ignore this folder by gitignore file / node- modules
	The month of the same of the s

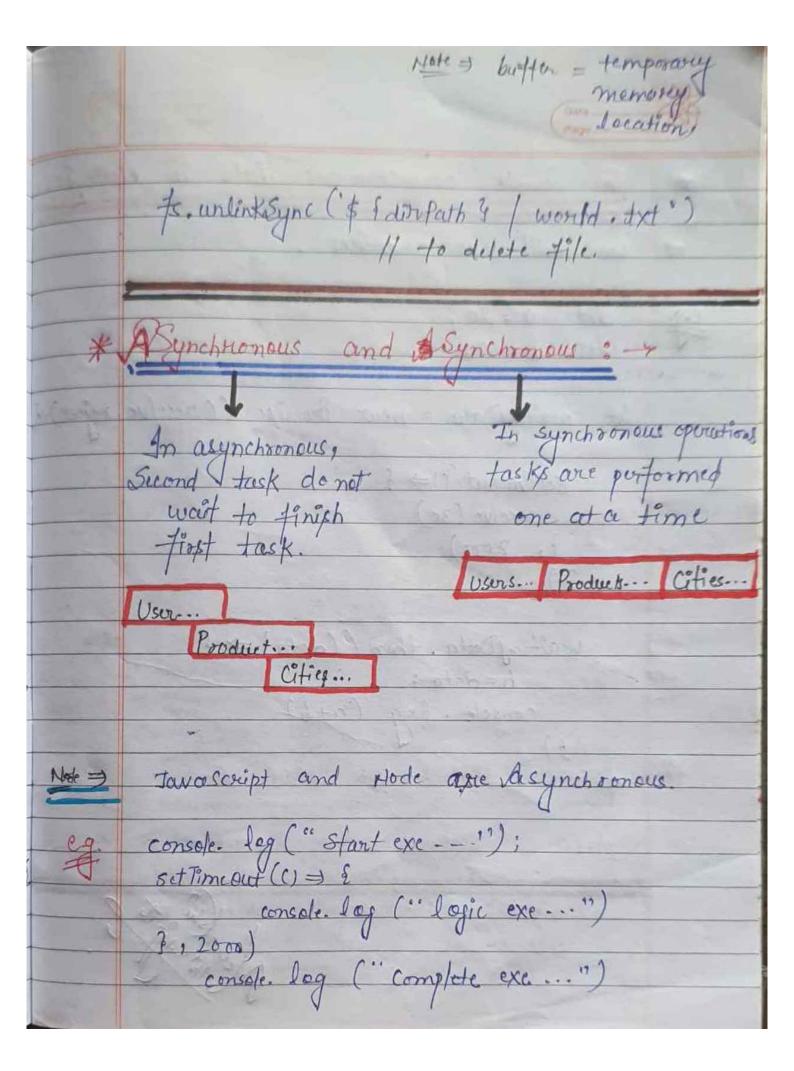


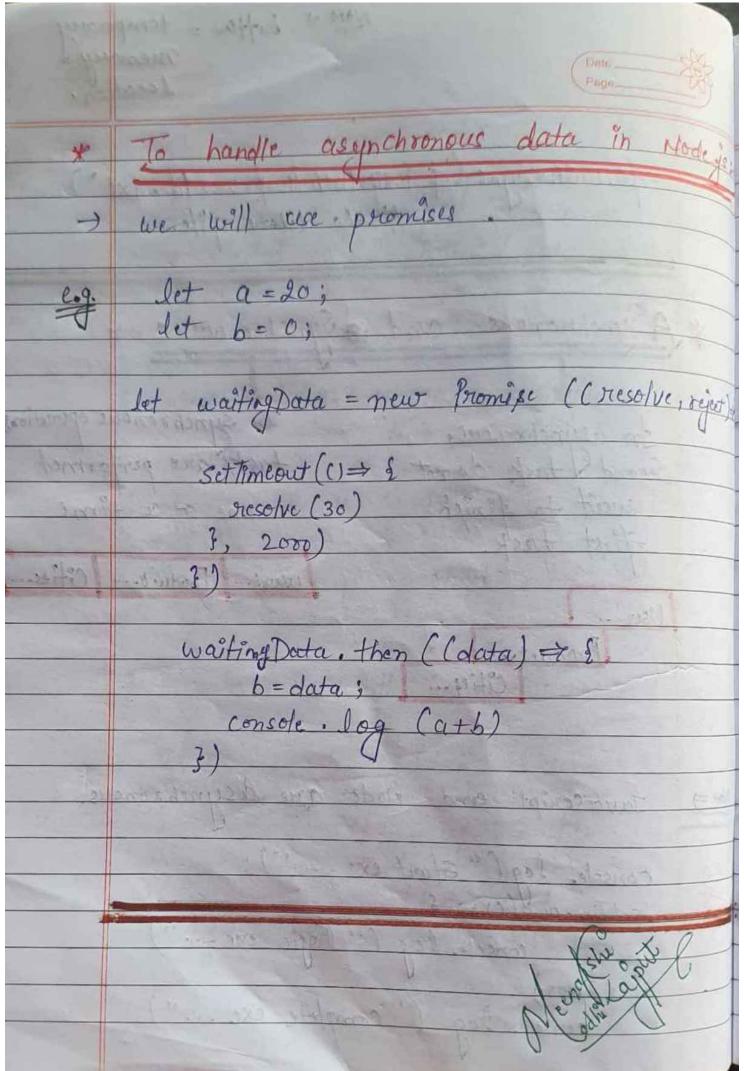


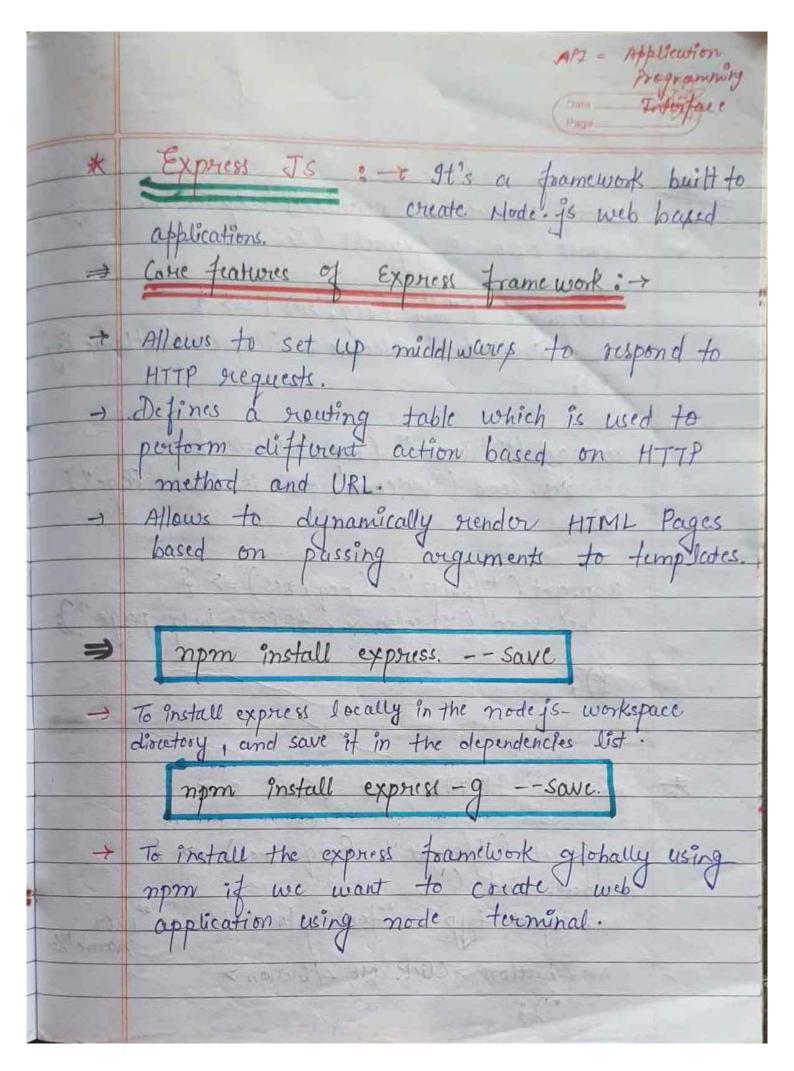


	One - 25
with.	The state of the s
CONT.	const dirfath = path. join (dirmane, 'files');
	\$\$ (i=0; i \(\delta \); i \(\delta \);
*** }	fs. writeFileSync (dirPath + "/hello" + i + ".txt", "a different dest files");
	Select Market delle Colonial C
3	to show files: ->
1	
	fr. readdir (dirPath, (uvr, files) => {
9	f. readdir (dirfath, (uv., files) => { files. for Each (citem) => { console.log ("file name is", item)
	3)
distributed to	20 3) and the second of the se
*	CRUD operations with file System :->
->	Create file
7	Read tile
-9	Update file
-3	Rename file Delete file.







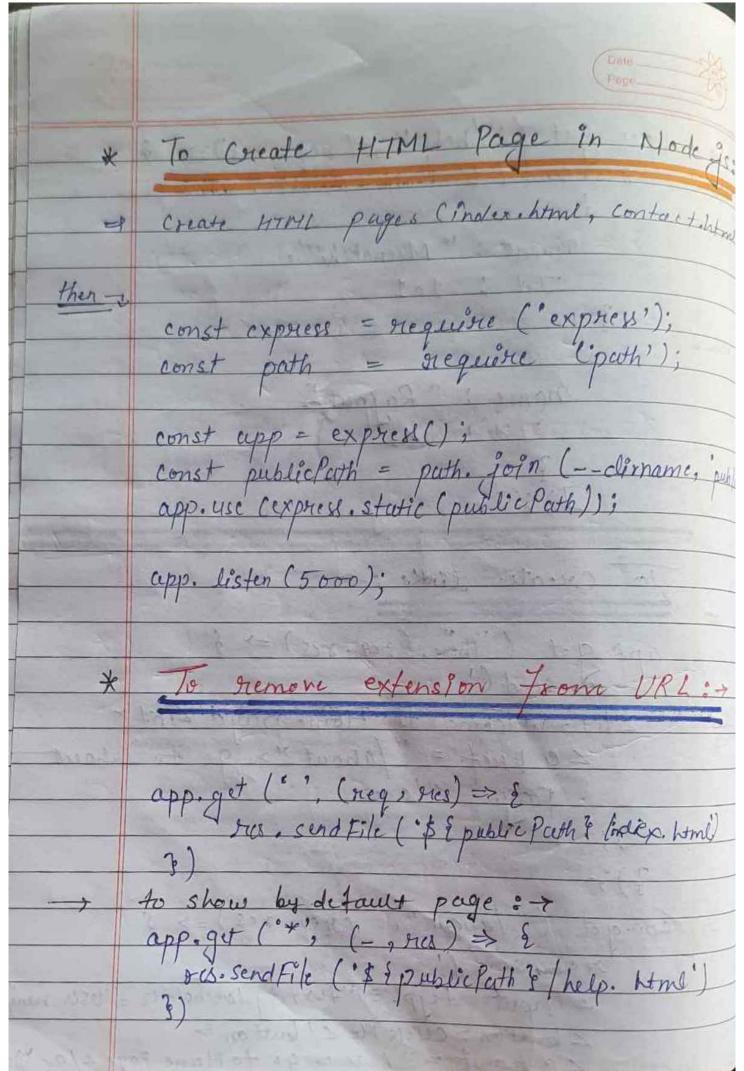


= require ('express'); app. get ("home, (reg, ses) => 2

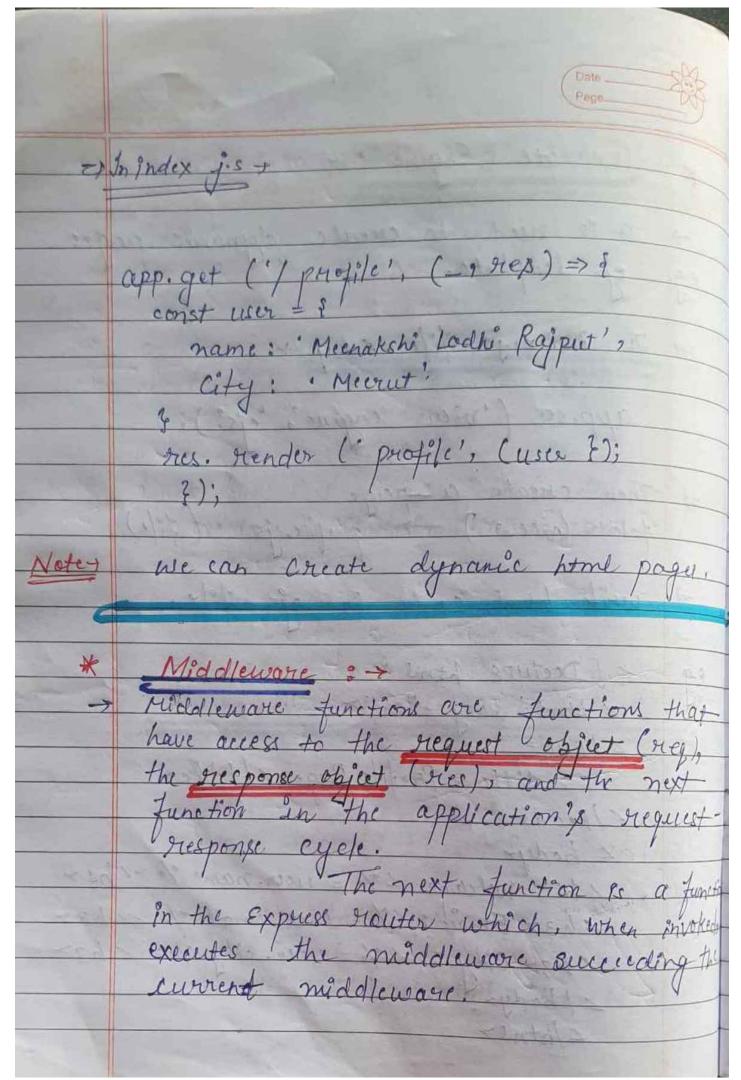
Jes. send ("welcome, This is a Home Page app. get ("/about", (req, res) => {

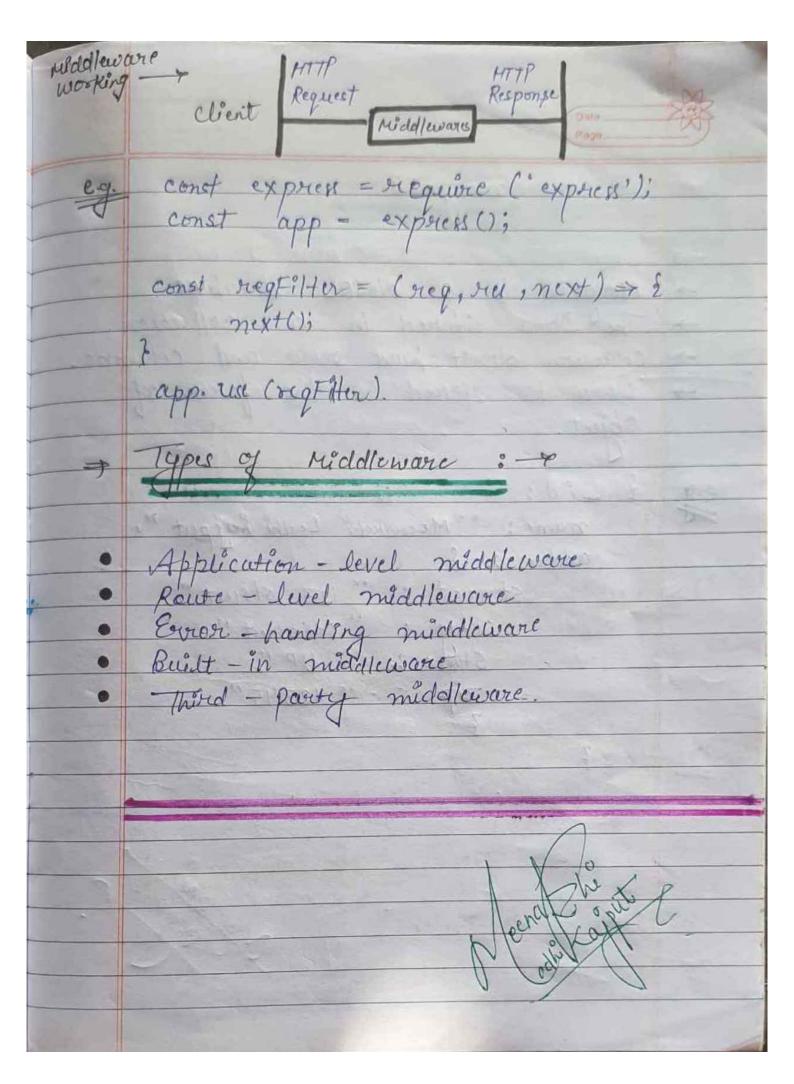
geg. send ("welcome, this is about Page") app. get ("/help", (reg, res) => {
 tos. send ("welcome , this is help page") approjet ("/about", (seg, res) 29 nput type = "text" placeholder = "user name Lbutton > Click me 4/ button

app. get ("/help", (reg, des) > & des. send-1 I name: "Meenaksh"", lo Create links :-> app-get ("Thom, (reg, res) => § 2h1 > welcome to Home page 4h1 > 2a href = "/about" > go to about appoget ("/about", (reg, res) => § zinput type = "text" placeholder = "usu nanys Z button > Click Me 2/ button > Za hret = "/ 11 > 90 to Home Page 2/20);



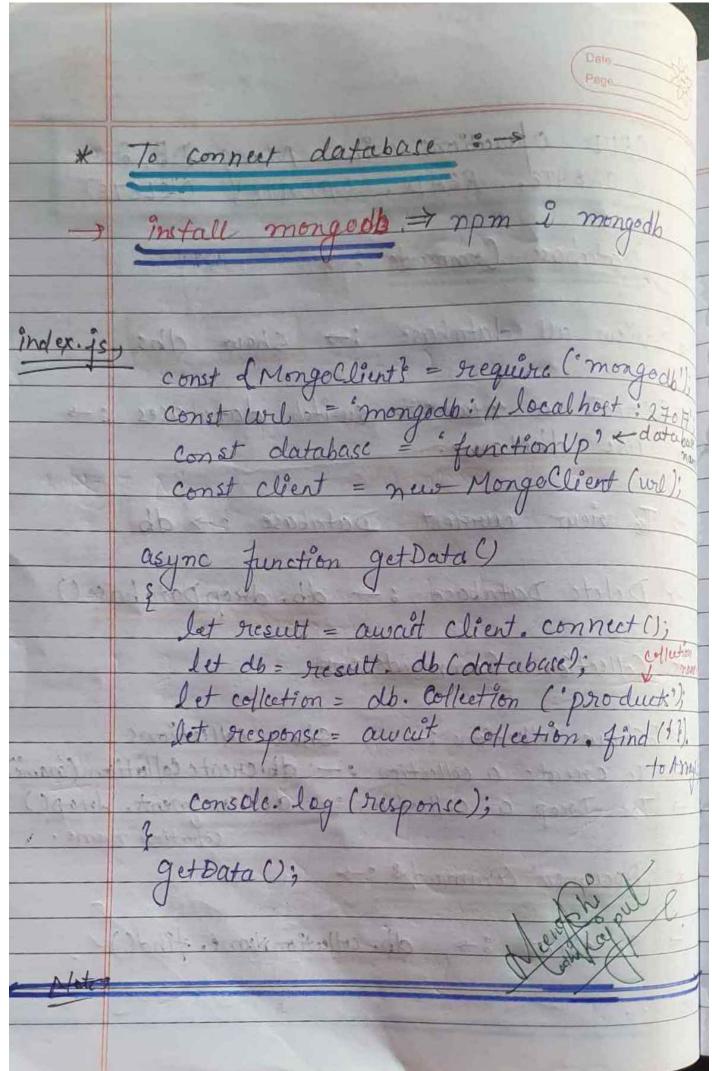
Onto Page
Template Engine :-
It is used to create dynamic pages ejs template.
In index js file setup +
app. set ('vilu engine', 'ejs');
Then create cutapage. folder (view) -> profile.cjs (file)
wrûte html code in ejs file.
<pre> chtml lang = "en" > chead > che</pre>

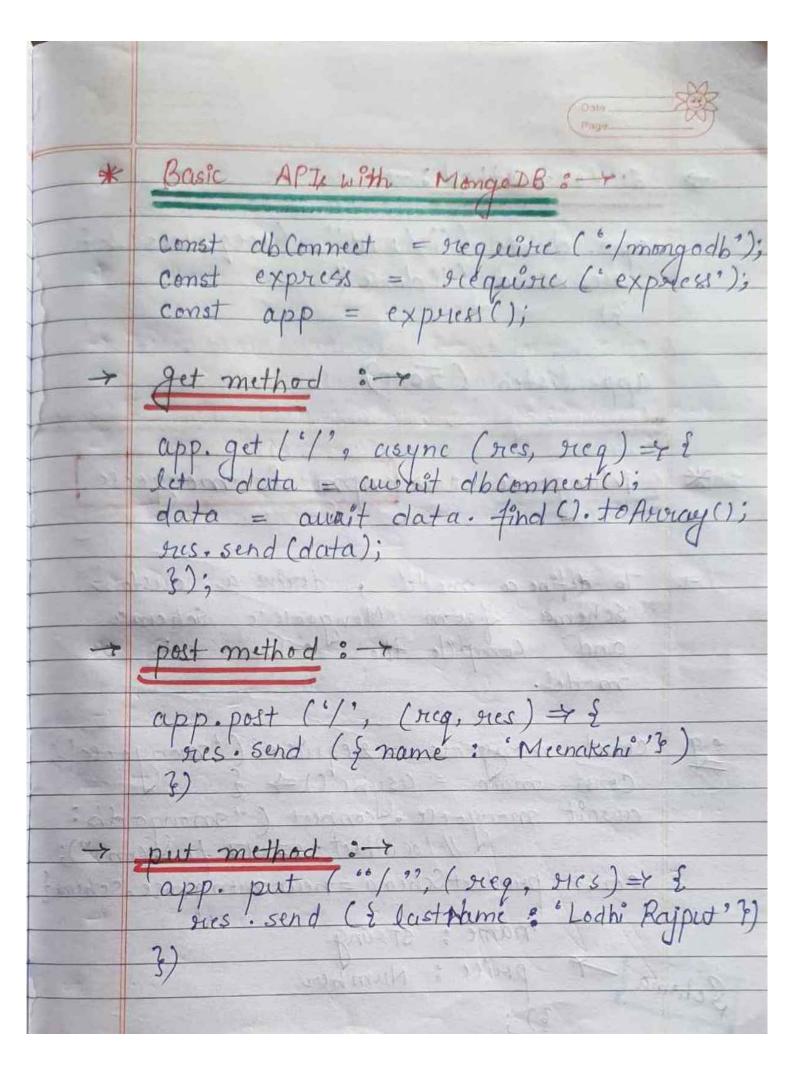




	mong a DB
→ → →	Monge DB is a Nosal database The Data Stored in a collection Collection don't have now and columns Data is stored in the form of Object.
e.g.	name: "Mecnakshi Lodhi Rajput", address: { Strict: 123 Street", City: "Micerut", State: "UP", Zip: "12345" 3

INTE.	Onn Age
*	CRUD operations in Mongo DB. :- CCREATE, READ, UPDATE, DELETE)
*	Database Commands :->
	To view all database :-> Show dbs
7	Ocreate a new or switch databases :
7	To view current patabase : > db
	Delete Database : - db. drop Database ()
	Collection Commands :->
-	To create a collection: - db. create collection (name) To Drop a collection: - db. comments, brop() collection name.
*	Document Commands :->
7	To show : > db. collection Nome. find()
et	





> delete method: > ses. send ("done") (neg, nes) 28 app. listen (5000) Mongoose :-> npm i mongoose To define a model, derive a custom schema from Mongoose's Schema and compile the schema to a model. const mongoole = require ("mongoole) const man = async() => await mongoose . Connect ("mongodbi 1/ Localhost: 27017 /e scom"; const product Schema = new mongoose scheme name: string price: Number Schema

350	
	Daily Page
*	model: * It connects nodejs with morgeDB by using schemes.
eg.	const main = async () = {
4	Const Droduct = manhable 1 (no 1 + 1)
1000	procleet Schema);
ALTERNATION OF THE PARTY OF THE	The product of name:
AL PARTON	"max 3 ", price: 200 3);
	the describes the market De
	const result = await data. save();
	console. Log (result);
2 25 2/3	and the stand ball stands
Notes	then write schemas in mongo DB
→	And create APIs in mongoole.
	THE TREME
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MINE A	

