Section 20 - APIS - Application Programming Interfaces.

- They put APIS of Openwhether org reports on websites National weather forcest Agency on their website. Also seen when you
 - Also seen when you we social media and see mutual friends or interest.
- D+ sel -> An API is a set of commands, protocols and objects a programme
 - can use to create software (or interest with ext environment (like 70 users) (like egs in 1).

 * Simply said Websites/Company can let others use some data of their & keep some of it as private data.
 - I we can use some of that data an our website.
- 3) -> APIS -> Endpoints.
 Parameters.
 Authoritication. Mein Chasacteristics
 - 3 Endpoints
 - or UR18 to lise that website: May have many.
- Para -> Specific paths on parameter (after the endpoint).

Path -> specified pages (160, 1about).

Parameters -> not specified custom pages.

(identified by 9 contain = query by contain anything units).

Authentication - when we come to montifable data, we have to reperate sharable 9 paid info.

-> That's why authentiation wed.

g: - https:// www.udemy.com/course/cycertrans/weather = what.

Endport. parameters

(ophonal) to build API parameters by many things.

JSONI (75 object Notation).

other websites.

& very minitar to JS (sarasep) formet.

I can be other too i.e All are HTML, XML.

n Chrome web store -> JSON (Viewer) (Optional)

Client Reg Your Reg Some Satures Server (Eg:-wester)

(NIML, CSI, JS)

(Data from Mothes

Server uning APIS)

out https = require ("https");

inside app-get

Littps.get (" website address")

3 28

Parse JSON.

3 You can see https nois documentation for more.

response. on ("data", function (data) } const. a = Ison. passe(data) console.log(a).

Inside https. converts deta into 750N-format.

3C -> change chie

a opposite of parse is stringify.

I how to pull specific data to display on our website.

[const temp = a. main. temp] Address/path of temp.

1) can use TSON viewer Awesome - copy path for this.

(comes while you haver).

10 Now we have the data, lets put 96 on webrite.

3 30 the code till now 9s: -

app.get ("/", function (reg, res) {

const usl = " URL" lan dir ppeurl https.get (url, function (response)) of too instead of 6'M dee var. convole. log (response. status (ode), 3 for 401, 2000, etc will

Now in respose on ("duta", --) } After this code in green in notes

10 send it to website we know we use zer-send. * there can be only I ves send in app.get method. on res. send (" Temp Ps" + temp + " degrees."); -> can add html also. n for multiple res. write (" --- ") ---- " } } will send multiple ----. res. send () * mide (response.on) below (out temp) Down inegeure = 4 ntps -- . 9 For adding inege to weather. allar see whole wale at end of video it any confesion) () Taking user input instead of sur own. cont city = "Paris"

Two elete these things in URL and
com's unit = metric"

"instead add these variables.

"contains = London

" Toontains" + " city" + " Now we can make a home file like we did in Fin Seitian A. [8.20 min]. Et take inputs. (by using body-gasses) napperse (express, static ("public"));

Los te any name

Par 248.

For using static files from our comp.

to be used on server.