> Assignment (Theory): 1) what is Emmet? Aus: Furmet is a Essential toolkit too web-developers. * Emenet is a plugin too many popular text editors which greately improves HTML & CSS workflow by providing useful Snippets. >: dild, +: siblings, Ditterence between Library & Framework ? Aus: * Both trameworks & libraries are code written by someone elge that is used to help solve common problems. Ex: React is library build by Falebook engineers. * we developers use feart to build websites. The technical différence between a tramework & library lies in a telm called invession of control. * when we use a library, we are in charge of the flow of the application. we are thooking when and whole to use tall the library. (parts of project or tall project defends). * when we use a tramework, the tramework is in charge of the thow. By tells you whole to plug the code because it needed to run the project. Library (React): Library (React) can be used wherever & whenever we want to. like library can be used in only header or sidebar etc. * library can be used in full project to, defends on our fequilements. * It comes with some tunctionalities. Frameworks (Angular): Frameworks comes with bunch functionalities. It was to wo ke used in bull project. By provides bouting.

(3) what is 'CDN'? why do we use it? Ane: 'Content Delinery Network' (CON) is a geographically distributed network of server which help to us to get the data Sandio: BON is a place where feart library is hosted. So me are just pulling Fetching that React from CON geographically distributed Network & futting in into

our projects/ code through/using CDN links. Aux: feart goal is to react [lespond to the whenever state changes.

5 what is 'crossorigin' in script tag?

Aus: 'cross-Origin Resource shaeing (CORS)' is a HTTP-header based mechanism that allows a server to indicate any origins (domain, Scheme, post) other than its own trons which a browser should permit loading resoules.

Swelio; when we Start developing Fullstack (MERN) app their me have trontend & Backend Running on different REST API'S & By posting data to backend as Potation trontend or Feeteling data from buildend to Frontend we will have different pomains Names.

: CORS provides Browses to permit bodding trom different Resources (Different ports (Different Domains).

What is difference between React & React DOM'? Aus: React: * It has cole feart Algorithms. ReactDOX It is fespoisible for the Greating feart Element

(EX: document. create Element()).

ReactDOM: * It is used for Dom manipulation.

* fespoisible for fendering feart Elements

the Dom (ex: 8000t. render (parent)).

NOTE: The reason that feart & feart Dom are separate is React Do x It is Responsible for the Creating React Elements * fesponsible tor fendering feart Elements to because fearts support other platforms as well like fearth Native & Feart 3D. (7) what is difference between react development is & react production tiles via CDN9 Au: react development is =) used when we are in development. react. production. is =) used when we have to launch our web-app in production (manifies app). Scanned with CamScanner