1) Define Angular and explain ists primeury > Angular is a typercript based, open source -> It is build for ringle post heb applies net application purpere in heb development: 1) component Bared architecture 2) two-hay binding 3) Dependency inthe Gen 4) Rowtines 5) Built in took and CLI Argular is a robust front - end framens 6) Form hardling und to build medien, instructure and realable neb applications, 2) what is the primary difference bothers argular's the barray data flar?

2 React IS one hay data flar? Tho - hay birding: --> In angular two way brinding the component and view are perpt out rype - when the war changes in the UTS the miders is updated immediately EX:- < input [(ngmedel]] = "userame Recot : one hay dotta flow: --> In reard the data flour only from comprehent state to UI store I when any change comes you need to mornally evont hardle crents. Ex: - < input value = gurer name 3 on change = & (e) => soturer (e-target. wer rand ) }

Differences Angular -> and hay > tho hay direction -> manual -> UI updevices customorise -, more predicatable -> carrier for small forms, ishners Controlled - more explicit s less manual control 3 virtual DOM > Real DOM (3) Angular archiveroture diagram Angular APP Ng medules templates services components Routine ng module: -It is a decoration, It is a container for a group of related components, revides. -> The imported the moduler that are - It enpores the components to make arculable > It provides services through app module

4) Installing Angular cer It is a poverful command line tool Angular Ch: that helps developers to creat, binds text, manage anguler application. why it is wing: -1) protect orestien Ex: - neg new protect 2) generation of compenents, revises 3) startes a sire server 4) configuration management Installation: -1 remoleced nede latert version 6) check installation node - V, non (3) goto and => npm il - 9 (ev argular) a (1) to centirm ist is installed by type ng-version (5) creation of argular application ... > to crease a protect ng new myapp. -> Type Y/N depending you have the features -> cd my opp -> rg serve | rg s Defair

relevent directiones my - app ) - agg ) - onede - medules) Lo sec/ Lape / | Sassets/ = enivermenty) I main . Ts Lo style crs WILL ALL STREET Langular i son - package . 3 son -> tscenfig. ism - Ferd me . md 1 typerosipt in angular typescript is used in angular because 1) Helps to catch errors at compliation time 3) imprared cade quality 3) It supports to cook concepts (y) Typeserist compiler to plain Tavaroupt, so it has an any braker

development prace Typeroupt enhances the in angular 1 Early wow (1) Early error detection Dentaurager dearer architecture winty classes, interlaces, and medules (3) Ealability: - large angular ams a Carrier to manage with structured case (1) typeroupt impraces engeless duelopment for providing typeratory botter tacking and tothe structure case which leades to lever bugs.