**Angular**

**What is component,module,interface**Install node js and npm  
install angular cli : npm i @angular/cli  
check cli version : ng version

Create new project : ng new my-app --standalone=false  
for run Angular Project : ng serve

**main.js** file html co angular se connct krti hai ya hm kah skte hai ki html pahe ke ander angular ke application ko loade krti hai  
  
**package.json** file ek overview rkhta hai ki koin si commond rkhni hai kun si dependecy rakhni hai ye bahut jada deft may nahi jata  
  
**package-lock.json** hr ek packages ki internal dependecy bhi rakhta hai jaise kisi pakage ka version dependency ye sb

**Interpolation**

**Interpolation** ka use hota hai html page per dynamic data ko use krne ke liye(app.component.ts file may jo data hota hai use hm dynamic data bolte hai)  
\* Interpolation {{}} se denoted hota hai

**What we can do with interpolation**\*Aurthmatic operation kr skte hai ya hm ye kah skte hai ki js ka lgbhg chije jaise for lop ye sb operation perform kara skte hai

**What we can not do with interpolation  
\***interpolation may hm value nahi change kr skte ({{title=”hello”}})  
\*type of check nahi kr skte  
\*increment aur decriment operator work nahi krte  
\*Assign operator kam nahi krte

**CLI**

**CLI** comond line tool hota hai eske help se hm apne code may new feature add krte hai  
ya component,class,library,module,application,interface ye sb jenrate krte hai ya build banate hai etc.  
\*ng generate component componentName() **or** ng g c componentName – for generate component  
\*ng g m moduleName – for module generate(module ek complex aur badi functionality hoti hai)  
\*ng build – for make build

**How to make component in module  
\*** ng g c user-auth(moduleName)/sign-in(componentName)

**What is Component**

\*Component ek building block hota hai  
\*it is the combination of HTML template, typscript class and CSS selection  
\*it has two type standalone and modul based  
\*stand alone has nat depend on any of the module

\* hm jb component create krte hai to 4 file bnti hai   
1.app.component.css - Style ke liye hoti hai  
1.app.component.html - UI structure ke liye hoti hai  
1.app.component.space.ts - Testing ke liye hoti hai  
1.app.component.ts - sare logical part hote hai aur lyfcycle

**Genrate comopnent new version :-** ng generate component my-component --no-standalone **OR**  ng generate component my-component --standalone=false

**Component with Inline Style & Template**

**create component with inline style :-** ng genrate component componentName --inline-style  
inline component ka use tb krte hai jb hame bahot com style lagana hota hai

**Create component with inline template:-** ng genrate component componentName --inline-template

**Create component with inline style & template:- :-** ng genrate component componentName --inline-template --inline-style

**what is Pipe**

hamare data ke formate ko ek form se dusare form may transfar kr dete hai  
pipe html wale page may hi use hota hai hm use ts wale file may use nahi kr skte  
string ya date formate ko change kr data hai  
{{title | uppercase}}

**Pipe with params**  
<p>{{title | slice : 3 : 6 }}</p>

**dubble Pipe**  
<p>{{title | slice : 3 : 6 | upercase}}</p>  
**curuncy pipe** - {{20 | currency : 'INR}} , **number pipe**- {{2.3 | number : '3.3-5'}} ,**slice pipe-** {{title | slice : 3 : 6 | uppercase}}

**Make a custome pipe usind cmd:-** ng g p folderName(jaha pipe banana hai)/pipeName