Defining variables in ng-templates is bit different we

have to use something like let-name instead of let na

Angular <ng-template> defines a template which is n ot rendered by default. We have to explicity tell angular that we want to rend er this template. So we can say <ng-template> is lazy. <ng-template> can use properties from its parent co ntext. It can also have its own private context as we Definition can pass values in the ngTemplate and use inside it. This makes it a disconnected and standalone piece which can be reused. <ng-template> elements are represented as instanc es of the TemplateRef class. <ng-template> is consumed by diagnostic comments in finished DOM. One of the main usage is to hold template content th Content is syntatic sugar f at will be used by structural directives. *nglf behind t or: <ng-template [nglf]="condition> Content he scene uses <ng-template> </ng-template> <div *nglf="condition;else error"> Data <ng-template #error> <h1>Error</h1> </ng-template> <ng-template> elements can be referenced in templ <ng-template #user let-name="username" let-hobbie ates using standard template variables. s="userHobbies"> This is how <ng-template> elements are used as ngl <h1>{{name}}</h1> f else clauses. Such template variables can be used in conjunction {{hobbie}} with ngTemplateOutlet directives to render the conte nt defined inside <ng-template> tags. </ng-template> <div *ngTemplateOutlet="user;context:{usernam</pre> e:'Sanjay',userHobbies:['Coding','Workout']}"> </div> abstract createEmbeddedView<C>(templateRef: Te <u>mplateRef<C>, context?: C, index?: number):</u> A Query (such as ViewChild) can find the TemplateR constructor(ef associated to an <ng-template> element so that it private viewContainerRef:ViewContainerRef, can be used programmatically; for instance, to pass i private templateRef:TemplateRef<any> t to the ViewContainerRef method createEmbedded this.viewConta inerRef.createEmbeddedView(this.templateRef); This is for directive where we get TemplateRef and V jewContainerRef via Dependency Injection: We can use ViewChild query in Component to get Te mplateRef and ViewContainerRef reference <ng-template #user let-name="username" let-hobbie</pre> s="userHobbies"> <h1>{{name}}</h1> {{hobbie}} Template Way Inside the <ng-template> tags you can reference vari ables present in the surrounding outer template. Add </ng-template> igionally, a context object can be associated with <n <div *ngTemplateOutlet="user;Context:{usernam</pre> template> elements. Such an object contains variab e:'Sanjay',userHobbies:['Coding','Workout']}"> les that can be accessed from within the template co ntents via template (let and as) declarations. Component Pragmmatic way: Same can be done via ViewContainerRef 1. <ng-template #user let-name="username" let-hobbies="u serHobbies"> <h1>{{name}}</h1> Parent Component ≺/ng-template> <app-pass-ng-template-via-input-binding [userTemplate]="user" We can pass ng-template (TemplateRef) as Input values to ></app-pass-ng-template-via-input-binding> Components and then use *ngTemplateOutlet to provide co ntext thus making code more reusable @Input() userTemplate:TemplateRef<any>|undefined; <div> Child Component <ng-template *ngTemplateOutlet="userTemplate!;context:</pre> {username:'Sanjay',userHobbies:['Coding','Workout']}"> </ng-template>

<ng-template>