**Difference between ng-template and ng-container**

ng-template and ng-container are both structural directives in Angular that allow you to manipulate the DOM without adding extra elements. ng-template defines a template that is not rendered by default and needs a structural directive like \*ngIf or \*ngFor to be displayed. ng-container, on the other hand, acts as a placeholder for grouping elements and can be used with structural directives, but it doesn't create any extra DOM nodes itself.

ng-template:

* **Purpose:** Defines a template fragment that is not rendered directly in the DOM.
* **Rendering:** Requires a structural directive (e.g., \*ngIf, \*ngFor, custom directives) to be rendered.
* **DOM:** Does not create any DOM nodes itself when used with structural directives.
* **Usage:** Useful for creating reusable template blocks that can be conditionally rendered or repeated.

ng-container:

* **Purpose:** Groups elements together without adding extra DOM elements.
* **Rendering:** Renders its content based on the directives it's used with.
* **DOM:** Does not create any DOM nodes itself.
* **Usage:** Ideal for applying structural directives to a group of elements without adding an unnecessary parent element in the DOM.

Key Differences:

* **Rendering:**

ng-template needs a structural directive to be rendered, while ng-container can render its content based on the directives it uses.

* **Usage:**

ng-template is primarily for creating reusable template fragments, while ng-container is for grouping elements and applying directives without affecting the DOM structure.

* **Context:**

ng-template can be used with ngTemplateOutlet to pass data into the template, while ng-container doesn't have this functionality.

Example:

Code

<div \*ngIf="condition">  
 <ng-template #myTemplate>  
 <p>This is inside the ng-template.</p>  
 </ng-template>  
</div>  
  
<ng-container \*ngIf="anotherCondition">  
 <p>This is inside the ng-container.</p>  
 <p>It doesn't create any extra DOM nodes.</p>  
</ng-container>  
  
<ng-template #myTemplate2 let-name>  
 <p>Hello, {{ name }}!</p>  
</ng-template>  
  
<div \*ngIf="true">  
 <ng-container \*ngTemplateOutlet="myTemplate2; context: { name: 'World' }"></ng-container>  
</div>