**Property Binding:**

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| **TYPESCRIPT:** | **HTML** |
| **Images:** | <img src="assets/Image\_folder/periyar.jpg"> |
| **Interpolation**  a=10; b=20; | <p>{{a+b}} </p> |
| c= ["A","B","C"]; | <ul \*ngFor="let i of c" >  <li>{{i}}</li>  </ul> |
| x ={ name:"Anbu",  age:27,  mob:979181  }; | <table>  <tr>  <td>{{x.name}}</td>  <td>{{x.age}}</td>  <td>{{x.mob}}</td>  </tr>  </table> |
| y ={mobile:[{name:"nokia",  rate:5000 },  {name:"samsung",  rate:5000} ],  books:[{name:"PHP",  rate:200},  {name:"JAVA",  rate:400}]} | <table>  <tr \*ngFor="let d of y.mobile">  <td>{{d.name}}</td>  <td >{{d.rate}}</td>  </tr>  <tr \*ngFor="let d of y.books">  <td>{{d.name}}</td>  <td >{{d.rate}}</td>  </tr>  </table> |
| x0=0;  clickMe()  {  this.x0=this.x0+1;  }  eraseMe()  {  this.x0=0;  }    x1='';  clicked(x:string)  {  this.x1=x;  } | <button (click)="clickMe()">count</button>  <button (click)="eraseMe()">clear</button> <br><br>  <p>{{x0}} </p>  <button (click)="clicked('Hi Dear!!!')">click</button>  <p>{{x1}}</p> |
| Ex:  x ={ name:"Guhan", age:27, mob:979181,id:55};  Ex:  y =  {mobile:[{name:"nokia",rate:5000 },{name:"samsung",rate:6000} ],  books:[{name:"PHP",rate:200},{name:"JAVA", rate:400}]} | <style>  .h1{color:green;}  .h2{color: palevioletred;}  </style>  <h2  class="h1" [class.h1]="x.id"  [class.h2]="!x.id"> {{x.name}}  </h2>  <p \*ngIf="x.name"> {{x.name}} </p>  <!-------------------------->    <table>  <tr \*ngFor="let d of y.mobile">  <td \*ngIf="d.name"> {{d.name}} </td>  <td[class.h2]="d.rate==5000"  [class.h1]="d.rate!=5000">  {{d.rate}}  </td>  </tr>  <tr \*ngFor="let d of y.books">  <td >{{d.name}}</td>  <td >{{d.rate}}</td>  </tr>  </table> |
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| **TYPESCRIPT** | **HTML** |
| image='';  callImage()  { this.image="assets/Image\_folder/periyar.jpg";  } | <button (click)="callImage()">click </button>  <img [src]="this.image"> |
| name=''; mob=0;course=''; name1=''; mob1=0;course1='';    j = {emp1:  [{name:"guhan",mob:9791,course:"Angular"}],  emp2:[{name:"anbu",mob:9895,course:"PHP"}] }  callDetails()  {  this.name=this.j.emp1[0].name;  this.mob=this.j.emp1[0].mob;  this.course=this.j.emp1[0].course;  }  callDetails1()  { this.name1=this.j.emp2[0].name;  this.mob1=this.j.emp2[0].mob;  this.course1=this.j.emp2[0].course;  } | <button (click)="callDetails()">  emp1 </button>  <p [textContent]="this.name"> </p>  <p [textContent]="this.mob"> </p>  <p [textContent]="this.course"> </p>  <button (click)="callDetails1()">  emp2 </button>    <p [textContent]="this.name1"> </p>  <p [textContent]="this.mob1"> </p>  <p [textContent]="this.course1"> </p> |
| image1 = {  name: 'Logo',  symbol: 'l',  photo: 'assets/Image\_folder/logo.png'  };  image2 = {  name: 'Fb',  symbol: 'f',  photo: 'assets/Image\_folder/fb.png'  };    file: any = this.image1; | <p [textContent]="file.name"></p>  <button (click)="file = image1">logo</button>  <button (click)="file = image2" >fb</button>  <p><img [src]="file.photo"></p> |

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| **TYPESCRIPT** | **HTML** |
| key: string;    event: KeyboardEvent;    onKeyPress(event: KeyboardEvent):void {  this.key = event.key;  } | <p>  <input on-keypress="onKeyPress($event)">  <span> {{key}}</span>  </p> |
| url = {site1:"https://angular.io/"} | <a [href]="url.site1">Angular2 </a> |