**ANGULAR 2**

**SESSION 1:**

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| **app.component.ts** | **app.component.html** |
| import { Component, OnInit } from '@angular/core';  @Component({  selector: 'app-session1',  templateUrl: './session1.component.html',  styleUrls: ['./session1.component.css']  })  export class Session1Component implements OnInit {  topic="SESSION 1";  myimage="assets/images/php.png";    -------------------------------  name="Guhan";  age="27";  m1=20;  m2=10;    i=0;    myfunction()  {  for(this.i=1;this.i<=10;this.i++)  {  this.i=this.i+this.i\*1;  }  return this.i;  }  --------------------------------  p1="Guhan";  p2="Suresh";  p3="Anbu";  p4="Jegathish";  ----------------------------------  columnSpan=2;  value:any;    -------------------------------------  getValue()  {  this.value="Guhan";  return this.value;  }  myimage1:any;  callImage()  {  this.myimage1="assets/images/php.png";  return this.myimage1;  }  ------------------------------------  clearValue()  {  this.value="";  }  hideImage()  {  this.myimage1=false;  }  constructor() { }  ngOnInit() {  }} | <style>  img{width:100px;height: 100px;}  </style>  <!-- <!--property binding  Both data binding and property binding flows a data in one direction  -->  <div class="row" style="background-color: #CBDCF9;">  <div class="col-xs-2">  <h2 [innerHTML]='topic'></h2>  <img src="{{myimage}}">  <br><br>  <img [src]='myimage'>  </div>  -----------------------------------------------  <div class="col-xs-2">  <p>{{name}}</p>  <p>{{age}}</p>  <p>{{m1+m2}}</p>  <p>{{m1-m2}}</p>  <p>{{m1\*m2}}</p>  <p>{{m1%m2}}</p>  <p>{{myfunction()}}</p>  </div>  ----------------------------------------------  <div class="col-xs-2">  <p [textContent]="p1" ></p>  <p [textContent]="p2" ></p>  <p [textContent]="p3" ></p>  <p [textContent]="p4" ></p>  <p [hidden]="!p5"> I am the hidden</p>  <p [textContent]="name"></p>  </div>  --------------------------------------------  <div class="col-xs-2">  <!-- Attribute Binding--  <table>  <style>  table,td{border:1px solid red; }  </style>  <tr><td attr.colspan={{columnSpan}}>  Employee Details</td></tr>  <tr><td>Name</td><td>Age</td></tr>  <tr><td>{{name}}</td><td>{{age}}</td></tr>  </table>  ---------------------------------------------  <button (click)="getValue()">click</button>  <input value="{{this.value}}">  <br><br>  <button (click)="callImage()">callImage</button>  <img [src]='this.myimage1' alt="not-found" [hidden]="!this.myimage1"> <br><br>  ------------------------------------------------  <button (click)="clearValue()">clear</button><br>  <button (click)="hideImage()">hide</button>    </div>  </div> |

Note: Interpolation is a special syntax that Angular converts into property binding. It’s a convenient alternative to property binding.