Day-2=

String Interpolation=>

.component.ts=>

```typescript
import { Component, OnInit } from '@angular/core';

@Component({
  selector: 'app-stringinterpolation',
  templateUrl: './stringinterpolation.component.html',
  styleUrls: ['./stringinterpolation.component.css']
})
export class StringinterpolationComponent implements OnInit {

  name:string='Anshul Kamble'
  num:number=4
  imgUrl:string='../../assets/lordbuddha.jpg';

  constructor() { }

  ngOnInit(): void {
  }

}
```

Component.html

```html
<p>stringinterpolation works!</p>

<!-- to render data dynamically to end user we go for stringinterpolation

   syntax => {{propertyName}}
-->

<h2> {{name}} </h2>
<h2> {{'Welcome ' + name}}</h2>
<h2>{{num+num}} </h2>

<img src=" {{imgUrl}} " alt=""> <br><br>

<h2 id="myname"> {{name}} </h2>

<div class="myclass">
    Hope So Your Well Preparing For NEET Exam
</div>
```

Component.css=>

```css
img{
    width:400px;
    height: 400px;
}
```

```css
#myname{
    color: brown;
}

.myclass{
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-size: 32px;
    font-style: italic;
}
```

Property Binding =>

.component.ts =>

```typescript
import { Component, OnInit } from '@angular/core';

@Component({
  selector: 'app-propertybinding',
  templateUrl: './propertybinding.component.html',
  styleUrls: ['./propertybinding.component.css']
})
export class PropertybindingComponent implements OnInit {

  name:string="Ankush Kamble"
  imgUrl:string='../../assets/lordbuddha.jpg'
  mycolspan:number=2
  isHidden:boolean=false;

  constructor() { }

  ngOnInit(): void {
  }

}
```

.component.html=>

```html
<p>propertybinding works!</p>

<!--to bind property dynamically to any attribute then we go for property
Binding
    syntax =>
    [html attribute/directice/custom attribute]="PropertyName"
 -->

 <input type="text" [value]="name">
<br><br>
<img [src]="imgUrl" style="width: 300px; height:300px"
alt=""> <br><br>
```

```html
<table border="2px" cellpadding ="2" cellspacing="2" width="100%">
    <tr >
        <th colspan="2">Column 1</th>
        <th>Column 2</th>
        <th>Column 3</th>
    </tr>
    <tr>
        <td [attr.colspan]="mycolspan">Row 1</td>
        <td>Row 2</td>
        <td>Row 3</td>
    </tr>
</table>
<!-- if we not provide attr then code will not compile, because it isnt a
known property of td i.e it is not fixed attribute
colspan is used for defining number of columns a table cell should span,
cellpadding specifies the space between the cell content and its borders -->
<hr> <!--  will print horizontal line -->

<h2> Difference between String Interpolation & Property Binding</h2>

<div hidden="{{isHidden}}">
    Display Text Using String Interpolation
</div>
<!-- in String Interpolation the value wont be printed because SI always
consider it as String although we isHidden=> Boolean then also it will be a
String Value -->
<div [hidden]="isHidden">
    Display Text Using Property Binding
</div>
```

App.component.ts=>

```html
<!-- <h2>My First Angular Application</h2>
<app-employee></app-employee>
<app-student></app-student>

<app-stringinterpolation></app-stringinterpolation> -->

<app-propertybinding></app-propertybinding>
```