

Web Development : Angular Assignment -14

1.Create angular application which creates two custom directives as Comp-Success and Comp-Failure.

In case of Comp-Success directive when we move the mouse cursor over the data element its text colour becomes green and in case of Comp-Failure text colour becomes red.

When we remove mouse cursor its colour becomes black.

We have to use that both directives in one .html file.

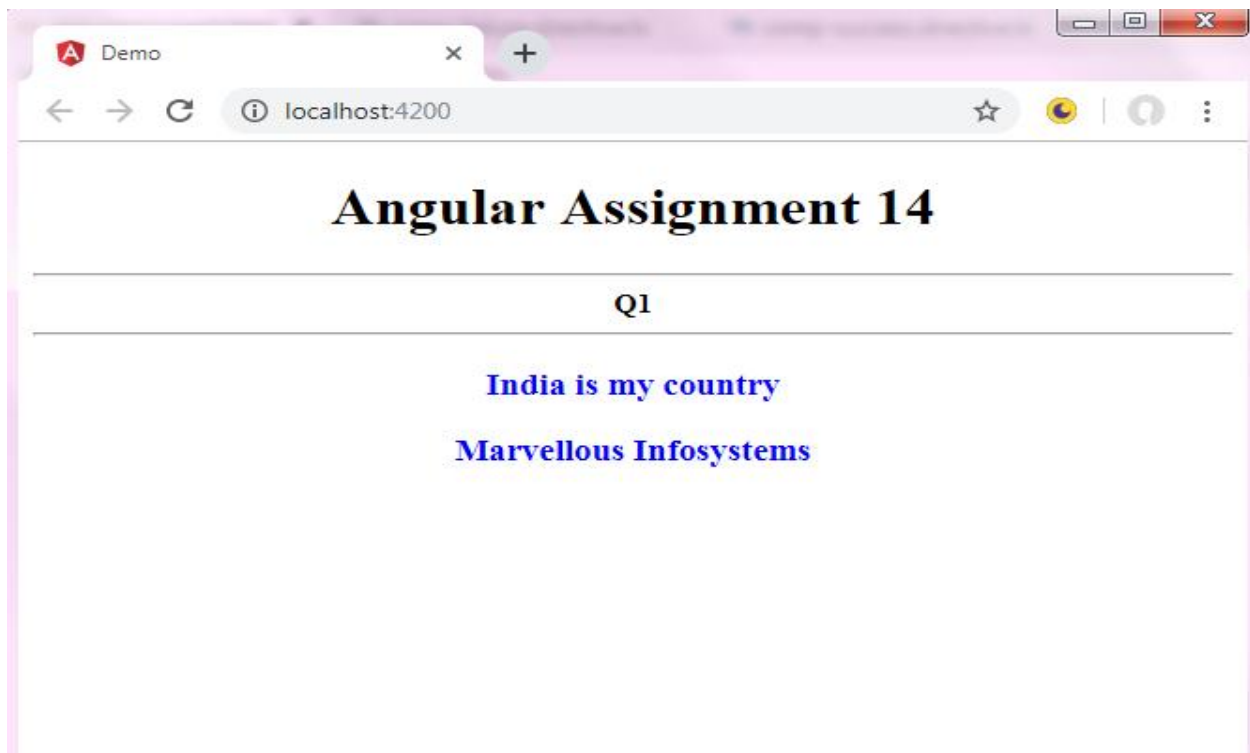
```
src ▸ app ▸ TS comp-success.directive.ts ▸ 🚩 CompSuccessDirective ▸ 📦 setcolor
1  import { Directive, ElementRef, HostListener } from '@angular/core';
2
3  @Directive({
4    selector: '[appCompSuccess]'
5  })
6  export class CompSuccessDirective
7  {
8    constructor(private ele:ElementRef)
9    {
10     ele.nativeElement.style.color ='blue';
11   }
12
13   @HostListener('mouseover') onmouseover()
14   {
15     this.setcolor('green');
16   }
17
18   @HostListener('mouseout') onmouseout()
19   {
20     this.setcolor('black');
21   }
22
23   public setcolor(color:string)
24   {
25     this.ele.nativeElement.style.color = color;
26   }
27 }
28
```

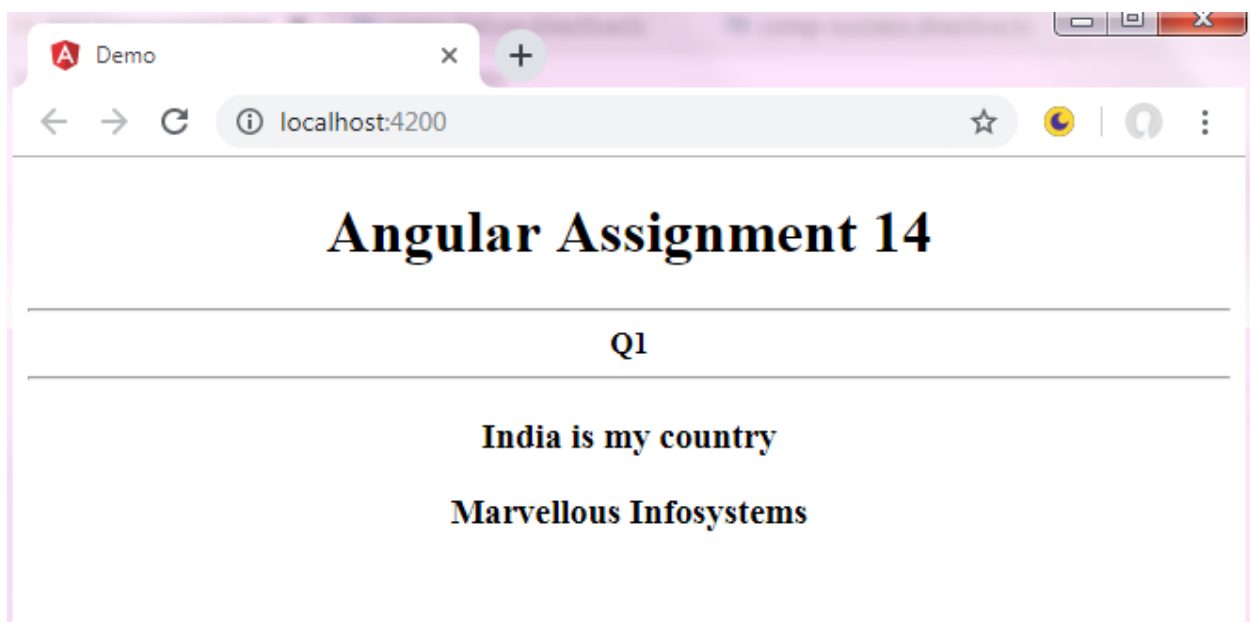
src ▸ app ▸ TS comp-failure.directive.ts ▸ ...

```
1 import { Directive } from '@angular/core';
2 import { ElementRef, HostListener } from '@angular/core';
3
4 @Directive({
5   selector: '[appCompFailure]'
6 })
7 export class CompFailureDirective
8 {
9   constructor(private ele:ElementRef)
10  {
11    ele.nativeElement.style.color = 'blue';
12  }
13
14  @HostListener('mouseover') onmouseover()
15  {
16    this.setcolor('red');
17  }
18
19  @HostListener('mouseout') onmouseout()
20  {
21    this.setcolor('black');
22  }
23
24  public setcolor(color:string)
25  {
26    this.ele.nativeElement.style.color = color;
27  }
28 }
```

src ▸ app ▸ <> app.component.html ▸ div

```
1 <!--The content below is only a placeholder and can be replaced.-->
2 <div style="text-align:center">
3   <h1>
4     Angular Assignment 14
5   </h1>
6   <hr><b>Q1</b> <hr>
7   <h3 appCompSuccess>India is my country</h3>
8   <h3 appCompFailure>Marvellous Infosystems</h3>
9 </div>
10
```





2. Create angular application which creates one custom directive named as Custom-Style.

In this directive we have to set background of our text as yellow and type of the text should be bold.

Use that custom directive in .html file.

In this application there is no need to handle mouse listeners.

```
src ▸ app ▸ TS custom-style.directive.ts ▸ ...
1  import { Directive, ElementRef } from '@angular/core';
2
3  @Directive({
4    selector: '[appCustomStyle]'
5  })
6  export class CustomStyleDirective
7  {
8    constructor(private ele:ElementRef)
9    {
10     ele.nativeElement.style.background = 'yellow';
11   }
12 }
13
```

```
src ▸ app ▸ <> app.component.html ▸ ...
1  <!--The content below is only a placeholder and can be replaced.-->
2  <div style="text-align:center">
3    <h1>
4    | Angular Assignment 14
5    </h1>
6    <hr><b>Q2</b><hr>
7    <h3 appCustomStyle>India is my country</h3>
8  </div>
9  |
10
```

