

TASK-14

PIPES:

Pipes are used to transform and format data before displaying it in the template. They allow us to modify the appearance and behavior of values without changing the underlying data.

Built-in Pipes:

```
20 F:\Aspire Training\Code\Angular\angulardemo • Contains emphasized items
21 <!--PIPES-->
22 <h3>PIPES</h3>
23 {{34567.87654|number:'2.0-4'}}
24 <br><br>
25 <!--number is a pipe formats that.
26 2 digits minimum before the decimal. 4 after the decimal-->
27
28 {{34567.87654|currency:'INR':false}}
29 <br><br>
30 {{todayDate|date : 'dd:MM:YYYY HH:mm:ss'}}
31 <br><br>
32
33 {{employee|json}}
34 <br><br>
35
36 {{ "Welcome to the Family" | slice:3:-7 }}
37 <br><br>
```

PIPES

34,567.8765

INR34,567.88

14:06:2023 09:16:42

[{ "empid": 1, "empname": "Monisha", "age": 21 }, { "empid": 2, "empname": "Veda", "age": 21 }, { "empid": 3, "empname": "Sandhiya", "age": 20 }, { "empid": 4, "empname": "Abishek", "age": 29 }]

come to the

Customized pipe:

```
ulardemo > src > app > size.pipe.ts > ...  
8   transform(value: number, optional?: any): string {  
9     if(value>=10 && value<=19)  
10    {  
11      return "Small";  
12    }  
13    else if(value>=20 && value<=29)  
14    {  
15      return "Medium";  
16    }  
17    else if(value>=30 && value<=39)  
18    {  
19      return "Large";  
20    }else if(value>=40 && value<=49)  
21    {  
22      return "XL";  
23    }else if(value>=50 && value<=59)  
24    {  
25      return "XXL";  
26    }else if(value>=60 && value<=120)  
27    {  
28      return "XL+";  
29    }  
30    else  
31    {  
32      return "Please enter the proper number";  
33    }  
34  }
```

```
<b>{{'Size Pipe:'}}</b><br>  
{{210 | size}} == Please enter the proper number<br>  
{{10 | size : 'Small'}} == Small<br>  
{{29 | size}}<br>  
{{40 | size}}<br>  
{{99 | size}}<br>
```

Size Pipe:

Please enter the proper number == Please enter the proper number

Small == Small

Medium

XL

XL+