

Lab Assignment: Angular custom Pipe

Step 1: First create custom pipe type script file in integrated terminal of visual studio code. Write following command

```
ng g pipe mypipe
```

Step 2: Write following code into mypipe.pipe.ts

```
import { Pipe, PipeTransform } from '@angular/core';
@Pipe({
  3   name: 'mypipe'
  4 })
  5 export class MypipePipe implements PipeTransform {
  6   transform(value: any, hobbie: string): any {
  7     if(hobbie === 'dancing'){
  8       return "good hobbie is "+value;
  9     }
 10     else
 11     {
 12       return "bad hobbie is "+value;
 13     }
 14   }
 15 }
```

Step 3: Ensure that newly create pipe.ts reference has been added into app.module.ts.

```
import { Pipe, PipeTransform } from '@angular/core';
@Pipe({
  3   name: 'mypipe'
  4 })
  5 export class MypipePipe implements PipeTransform {
  6   transform(value: any, hobbie: string): any {
  7     if(hobbie === 'dancing'){
  8       return "good hobbie is "+value;
  9     }
 10     else
 11     {
 12       return "bad hobbie is "+value;
 13     }
 14   }
 15 }
```

Step 4: Please write following code into your own component(here is app.component.ts)

```
<h1>App Component</h1>
<ul>
  <li *ngFor="let h of hobbies">{{ h | mypipe }}</li>
</ul>
```

Step 5: Run your code using following command

```
ng serve --open
```