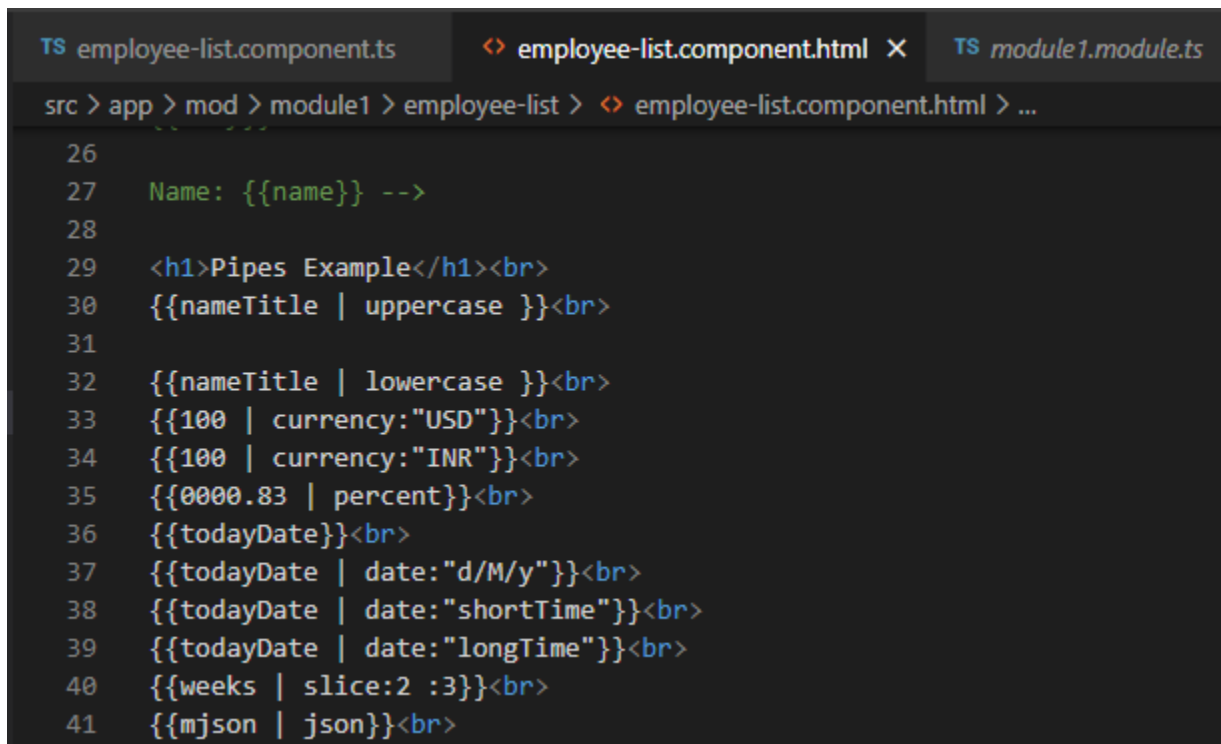
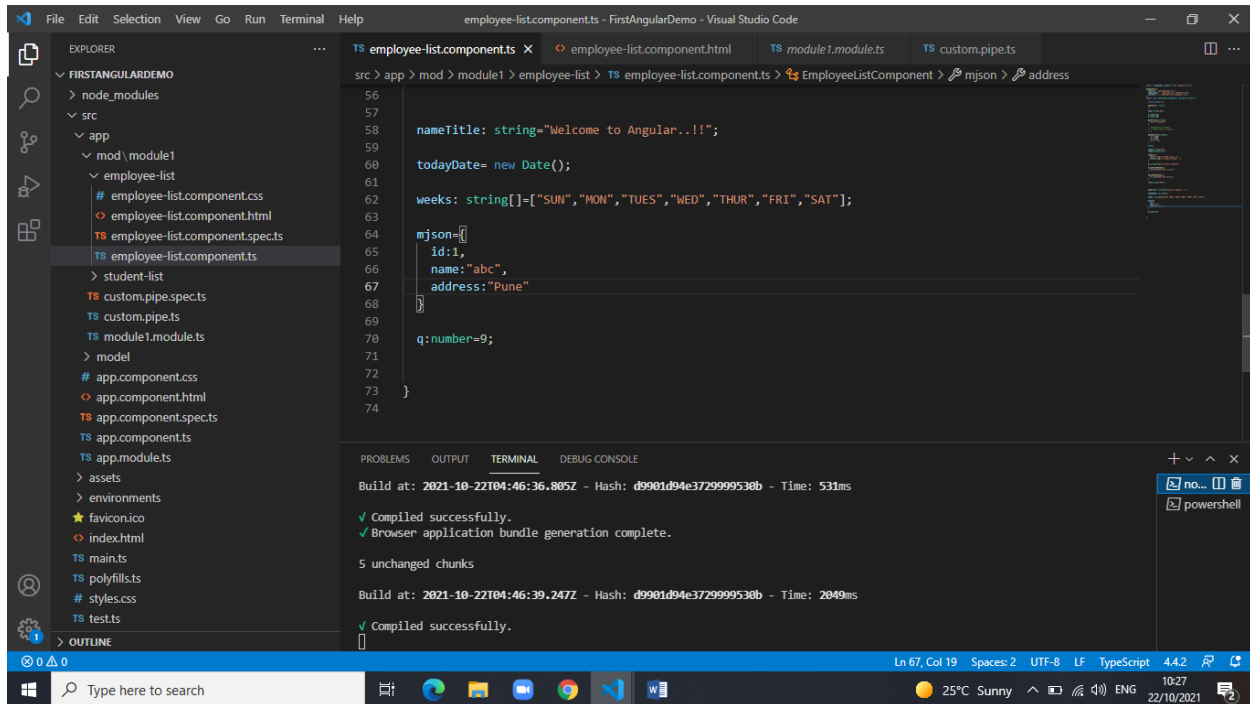


# PIPES

## Employee-list.component.ts



# Welcome to CJC...

Hello....

employee-list works!

## Pipes Example

```
WELCOME TO ANGULAR...!!  
welcome to angular...!!  
$100.00  
₹100.00  
83%  
Fri Oct 22 2021 10:28:57 GMT+0530 (India Standard Time)  
22/10/2021  
10:28 AM  
10:28:57 AM GMT+5  
TUES  
{ "id": 1, "name": "abc", "address": "Pune" }
```

### CUSTOM PIPES

➤ `ng g c custompipe`

or

➤ `ng g c mod/module1/custom`

With the help of this command we can create our own custom pipe in any module

```
Windows PowerShell  
Copyright (C) Microsoft Corporation. All rights reserved.  
  
Try the new cross-platform PowerShell https://aka.ms/pscore6  
  
PS G:\CJC\Angular Learning\B135\FirstAngularDemo> ng g p mod/module1/custom  
CREATE src/app/mod/module1/custom.pipe.spec.ts (187 bytes)  
CREATE src/app/mod/module1/custom.pipe.ts (217 bytes)  
UPDATE src/app/mod/module1/module1.module.ts (626 bytes)  
PS G:\CJC\Angular Learning\B135\FirstAngularDemo> █
```

This will automatically register pipe in the modules declaration section.

## Module1.module.ts

The screenshot shows the Visual Studio Code editor with the file `module1.module.ts` open. The Explorer sidebar on the left shows the project structure for `FIRSTANGULARDEMO`, with `module1.module.ts` selected under the `src/app/mod/module1` directory. The main editor displays the following TypeScript code:

```
1 import { NgModule } from '@angular/core';
2 import { CommonModule } from '@angular/common';
3 import { StudentListComponent } from './student-list';
4 import { EmployeeListComponent } from './employee-list';
5 import { CustomPipe } from '../custom.pipe';
6
7 @NgModule({
8   declarations: [
9     StudentListComponent,
10    EmployeeListComponent,
11    CustomPipe
12  ],
13   imports: [
14     CommonModule, FormsModule
15   ],
16   exports: [StudentListComponent, EmployeeListComponent] // step 5: giving access
17 })
18 export class Module1Module { }
```

The bottom panel shows the TERMINAL with the following commands and output:

```
PS G:\CJC\Angular Learning\B135\FirstAngularDemo> ng g p mod/module1/custom
CREATE src/app/mod/module1/custom.pipe.spec.ts (187 bytes)
CREATE src/app/mod/module1/custom.pipe.ts (217 bytes)
UPDATE src/app/mod/module1/module1.module.ts (626 bytes)
PS G:\CJC\Angular Learning\B135\FirstAngularDemo>
```

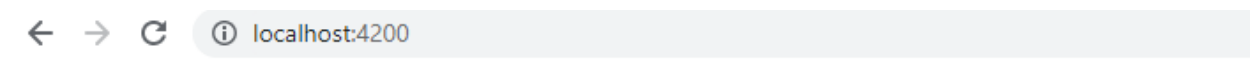
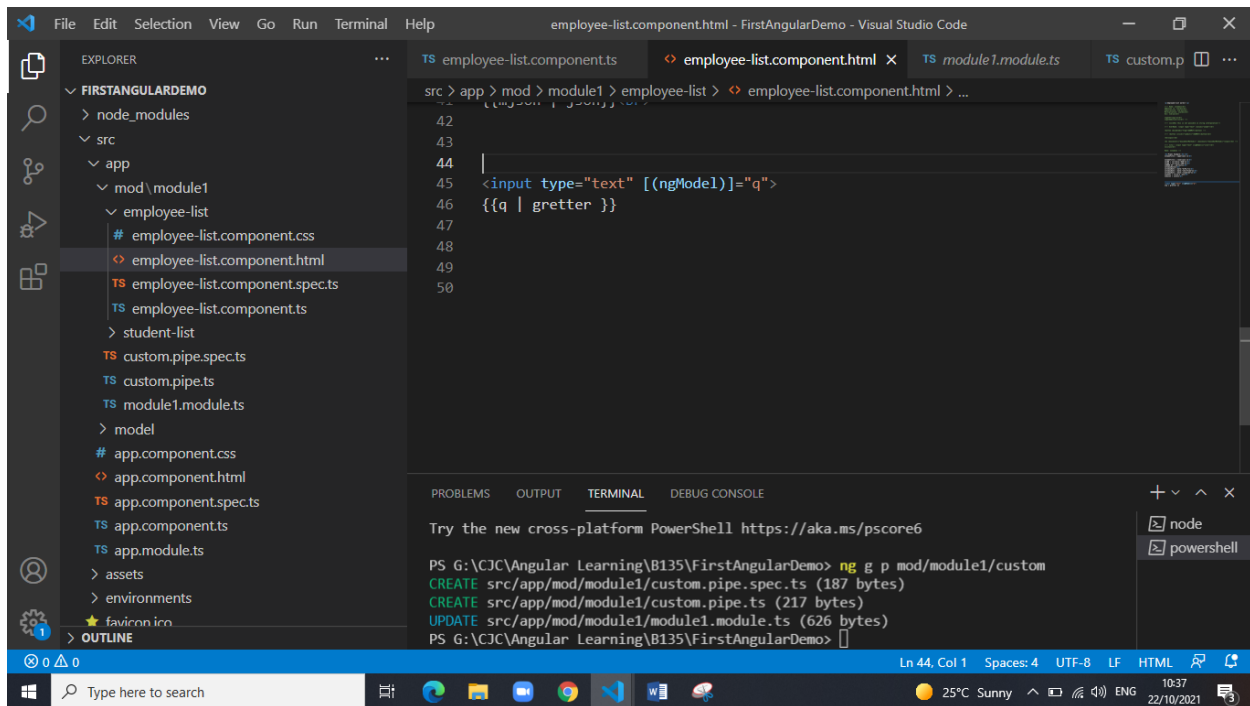
## Custom.pipe.ts

The screenshot shows the Visual Studio Code editor with the file `custom.pipe.ts` open. The Explorer sidebar on the left shows the project structure, with `custom.pipe.ts` selected under the `src/app/mod/module1` directory. The main editor displays the following TypeScript code:

```
1 import { Pipe, PipeTransform } from '@angular/core';
2
3 @Pipe({
4   name: 'gretter'
5 })
6 export class CustomPipe implements PipeTransform {
7
8   transform(value: any, ...args: any[]): any {
9     if(value>10){
10       return "The value is gretter than 10";
11     }else{
12       return "The value is less than 10";
13     }
14   }
15 }
```

The bottom panel shows the TERMINAL with the following commands and output:

```
PS G:\CJC\Angular Learning\B135\FirstAngularDemo> ng g p mod/module1/custom
CREATE src/app/mod/module1/custom.pipe.spec.ts (187 bytes)
CREATE src/app/mod/module1/custom.pipe.ts (217 bytes)
UPDATE src/app/mod/module1/module1.module.ts (626 bytes)
PS G:\CJC\Angular Learning\B135\FirstAngularDemo>
```



# Welcome to CJC...

Hello....

employee-list works!

## Pipes Example

WELCOME TO ANGULAR...!!

welcome to angular...!!

\$100.00

₹100.00

83%

Fri Oct 22 2021 10:28:57 GMT+0530 (India Standard Time)

22/10/2021

10:28 AM

10:28:57 AM GMT+5

TUES

{ "id": 1, "name": "abc", "address": "Pune" }

The value is less than 10