Pipe and Custom Pipe demo

File Edit Selection View Go Run Terminal Help

EXPLORER ···

<> app.component.html ✕ 2

∨ DEMO-APP

> .angular
> .vscode
> node_modules
∨ src
  ∨ app
    > custom-directive
    > pip-demo
    TS app-routing.module.ts
    # app.component.css
    <> app.component.html
    TS app.component.spec.ts
    TS app.component.ts
    TS app.module.ts
    TS myhighlight.directive.spec.ts
    TS myhighlight.directive.ts
  > assets
  ★ favicon.ico
  <> index.html
  TS main.ts
  # styles.css
  ⚙ .editorconfig
  ◆ .gitignore
  {} angular.json
  {} package-lock.json
  {} package.json
  ⓘ README.md
  {} tsconfig.app.json
  🔷 tsconfig.json
  {} tsconfig.spec.json

src > app > <> app.component.html > ⬡ app-pip-demo

```html
1   <h1>ThiruKuzhal Demo App</h1>
2   <h3>Pipe, Chained Pipe and Custome Pipe creation demo</h3>
3                                                              3
4   <app-pip-demo></app-pip-demo>
5   <router-outlet />
6
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

Application bundle generation complete. [0.087 seconds]

Page reload sent to client(s).
Initial chunk files | Names | Raw size
main.js | main | 5.23 kB |

Application bundle generation complete. [0.079 seconds]

Page reload sent to client(s).
Initial chunk files | Names | Raw size
main.js | main | 6.14 kB |

Application bundle generation complete. [0.099 seconds]

Page reload sent to client(s).
Initial chunk files | Names | Raw size
main.js | main | 6.20 kB |

Application bundle generation complete. [0.091 seconds]

Page reload sent to client(s).

PS E:\ThiruKuzhal\demo-app> n
CREATE src/app/pip-demo/pip-d
CREATE src/app/pip-demo/pip-d
CREATE src/app/pip-demo/pip-d
CREATE src/app/pip-demo/pip-d
UPDATE src/app/app.module.ts
PS E:\ThiruKuzhal\demo-app>

> OUTLINE

⊗ 0 ⚠ 0

ThiruKuzhal Demo App

Pipe, Chained Pipe and Custome Pipe creation demo

pip-demo works!

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EXPLORER   ···

app.component.html   pip-demo.component.html   TS pip-demo.component.ts ✕

DEMO-APP

> .angular
> .vscode
> node_modules
∨ src
  ∨ app
    > custom-directive
    ∨ pip-demo
      # pip-demo.component.css
      <> pip-demo.component.html
      TS pip-demo.component.spec.ts
      TS pip-demo.component.ts
    TS app-routing.module.ts
    # app.component.css
    <> app.component.html
    TS app.component.spec.ts
    TS app.component.ts
    TS app.module.ts
    TS myhighlight.directive.spec.ts
    TS myhighlight.directive.ts
  > assets
  ★ favicon.ico
  <> index.html
  TS main.ts
  # styles.css
  ⚙ .editorconfig
  ◆ .gitignore
  {} angular.json
  {} package-lock.json
  {} package.json
  ① README.md
  {} tsconfig.app.json
  🔧 tsconfig.json
  {} tsconfig.spec.json
> OUTLINE

src > app > pip-demo > TS pip-demo.component.ts > …

```typescript
1   import { Component } from '@angular/core';
2
3   @Component({
4     selector: 'app-pip-demo',
5     templateUrl: './pip-demo.component.html',
6     styleUrl: './pip-demo.component.css'
7   })
8   export class PipDemoComponent {
9       name:string="Thirumoorthy";
10      today:Date=new Date();
11      price:number=200000;
12      car:any={make:'TATA',model:'Nano',price:100000}
13  }
14
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

Application bundle generation complete. [0.083 seconds]

Page reload sent to client(s).
Initial chunk files | Names | Raw size
main.js | main | 8.43 kB |

Application bundle generation complete. [0.097 seconds]

Page reload sent to client(s).
Initial chunk files | Names | Raw size
main.js | main | 8.49 kB |

Application bundle generation complete. [0.090 seconds]

Page reload sent to client(s).
Initial chunk files | Names | Raw size
main.js | main | 8.78 kB |

Application bundle generation complete. [0.221 seconds]

Page reload sent to client(s).

PS E:\ThiruKuzhal\demo-app> n
CREATE src/app/pip-demo/pip-d
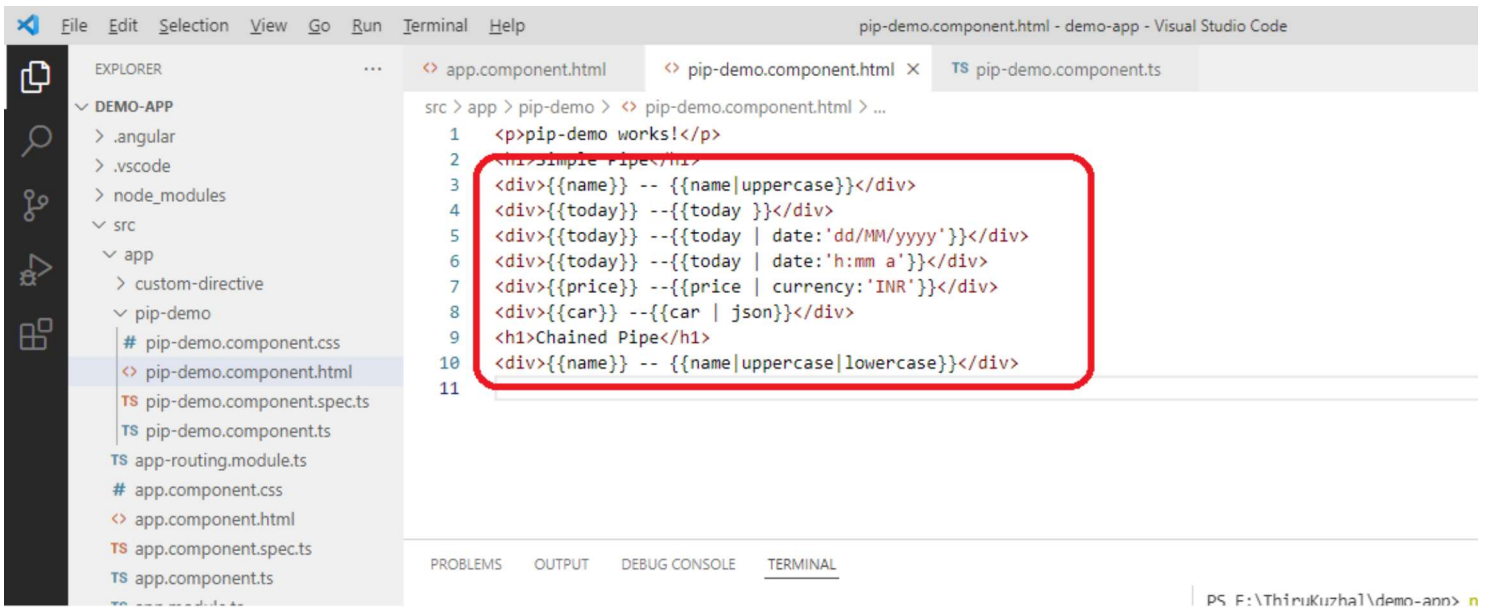CREATE src/app/pip-demo/pip-d
CREATE src/app/pip-demo/pip-d
CREATE src/app/pip-demo/pip-d
UPDATE src/app/app.module.ts
PS E:\ThiruKuzhal\demo-app>

⊗ 0 ⚠ 0

EXPLORER   ⋯   <> app.component.html   <> pip-demo.component.html   ×   TS pip-demo.component.ts

∨ DEMO-APP
> .angular
> .vscode
> node_modules
∨ src
  ∨ app
    > custom-directive
    ∨ pip-demo
      # pip-demo.component.css
      <> pip-demo.component.html
      TS pip-demo.component.spec.ts
      TS pip-demo.component.ts
    TS app-routing.module.ts
    # app.component.css
    <> app.component.html
    TS app.component.spec.ts
    TS app.component.ts

src > app > pip-demo > <> pip-demo.component.html > ...

```html
1   <p>pip-demo works!</p>
2   <h1>Simple Pipe</h1>
3   <div>{{name}} -- {{name|uppercase}}</div>
4   <div>{{today}} --{{today }}</div>
5   <div>{{today}} --{{today | date:'dd/MM/yyyy'}}</div>
6   <div>{{today}} --{{today | date:'h:mm a'}}</div>
7   <div>{{price}} --{{price | currency:'INR'}}</div>
8   <div>{{car}} --{{car | json}}</div>
9   <h1>Chained Pipe</h1>
10  <div>{{name}} -- {{name|uppercase|lowercase}}</div>
11
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

PS E:\ThiruKuzhal\demo-app> n

File Edit Selection View Go Run Terminal Help

EXPLORER ...

⟨⟩ app.component.html   ⟨⟩ pip-demo.component.html   TS pip-demo.component.ts   TS mylen.pipe.ts ✕

DEMO-APP
 > .angular
 > .vscode
 > node_modules
 ∨ src
  ∨ app
   > custom-directive
   ∨ pip-demo
    # pip-demo.component.css
    ⟨⟩ pip-demo.component.html
    TS pip-demo.component.spec.ts
    TS pip-demo.component.ts
   TS app-routing.module.ts
   # app.component.css
   ⟨⟩ app.component.html
   TS app.component.spec.ts
   TS app.component.ts
   TS app.module.ts
   TS myhighlight.directive.spec.ts
   TS myhighlight.directive.ts
   TS mylen.pipe.spec.ts
   TS mylen.pipe.ts
  > assets
  ★ favicon.ico
  ⟨⟩ index.html
  TS main.ts
  # styles.css
 ⚙ .editorconfig
 ◆ .gitignore
 {} angular.json
 {} package-lock.json
 {} package.json
 ⓘ README.md
 {} tsconfig.app.json
> OUTLINE

src > app > TS mylen.pipe.ts > ⚡ MylenPipe > ⬡ transform

```typescript
1    import { Pipe, PipeTransform } from '@angular/core';
2
3    @Pipe({
4      name: 'mylen'
5    })
6    export class MylenPipe implements PipeTransform {
7
8      transform(value: string): number {
9        return value.length;
10     }
11
12   }
13
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

Application bundle generation complete. [0.090 seconds]

Page reload sent to client(s).
Initial chunk files | Names | Raw size
main.js | main | 8.78 kB |

Application bundle generation complete. [0.221 seconds]

Page reload sent to client(s).
Initial chunk files | Names | Raw size
main.js | main | 9.20 kB |

Application bundle generation complete. [0.125 seconds]

Page reload sent to client(s).
Initial chunk files | Names | Raw size
main.js | main | 9.20 kB |

Application bundle generation complete. [0.077 seconds]

Page reload sent to client(s).

PS E:\ThiruKuzhal\demo-app> n
CREATE src/app/pip-demo/pip-d
CREATE src/app/pip-demo/pip-d
CREATE src/app/pip-demo/pip-d
CREATE src/app/pip-demo/pip-d
UPDATE src/app/app.module.ts
PS E:\ThiruKuzhal\demo-app> n
CREATE src/app/mylen.pipe.spe
CREATE src/app/mylen.pipe.ts
UPDATE src/app/app.module.ts
PS E:\ThiruKuzhal\demo-app>

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EXPLORER   ...

<> app.component.html   <> pip-demo.component.html   TS add.pipe.ts ×   TS pip-demo.component.ts   TS mylen.pip

∨ DEMO-APP

> .angular
> .vscode
> node_modules
∨ src
  ∨ app
    > custom-directive
    ∨ pip-demo
      # pip-demo.component.css
      <> pip-demo.component.html
      TS pip-demo.component.spec.ts
      TS pip-demo.component.ts
    TS add.pipe.spec.ts
    TS add.pipe.ts
    TS app-routing.module.ts
    # app.component.css
    <> app.component.html
    TS app.component.spec.ts
    TS app.component.ts

src > app > TS add.pipe.ts > ⚡ AddPipe > ⬡ transform

```
1   import { Pipe, PipeTransform } from '@angular/core';
2
3   @Pipe({
4     name: 'add'
5   })
6   export class AddPipe implements PipeTransform {
7
8     transform(value: number, arg1: number,arg2: number): number {
9       return value+arg1+arg2;
10    }
11
12  }
13
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

Application bundle generation complete. [0.077 seconds]

PS E:\ThiruKuzhal\demo-app> n
CREATE src/app/pip-demo/pip-d

ThiruKuzhal Demo App

Pipe, Chained Pipe and Custome Pipe creation demo

pip-demo works!

Simple Pipe

Thirumoorthy -- THIRUMOORTHY
Thu Apr 04 2024 12:38:06 GMT+0530 (India Standard Time) --Thu Apr 04 2024 12:38:06 GMT+0530 (India Standard Time)
Thu Apr 04 2024 12:38:06 GMT+0530 (India Standard Time) --04/04/2024
Thu Apr 04 2024 12:38:06 GMT+0530 (India Standard Time) --12:38 PM
200000 --₹200,000.00
[object Object] --{ "make": "TATA", "model": "Nano", "price": 100000 }

Chained Pipe

Thirumoorthy -- thirumoorthy

Custome Pipe

Thirumoorthy length is 12

Custome Pipe with two para

200000 add(price 1000 1) answer is 201001