

Text Format Pipes

Original String: Adweb Midterms

Lowercased String: adweb midterms

Uppercase String: ADWEB MIDTERMS

```
<h2> Text Format Pipes</h2>
<div>
  <p>Original String: {{ myString }}</p>
  <p>Lowercased String: {{ myString | lowercase }}</p>
  <p>Uppercase String: {{ myString | uppercase }}</p>
</div>
```

```
TS app.component.ts M x app.component.html M
src > app > TS app.component.ts > ...
  You, 3 minutes ago | 2 authors (You and others)
1 import { Component } from '@angular/core';
2 import { Observable, map, interval } from 'rxjs';
3
  You, 3 minutes ago | 2 authors (You and others)
4 @Component({
5   selector: 'app-root',
6   templateUrl: './app.component.html',
7   styleUrls: ['./app.component.css'],
8
9 })
10 export class AppComponent {
11   title = 'Midterms';
12   presentDate = new Date();
13   time$: Observable<Date>;
14   price: number = 12345.6789;
15   currentDate: Date = new Date();
16   myNumber: number = 0.15;
17   myString: string = 'Adweb Midterms';
18   myArray: any[] = ['rabbit', 'penguin', 'cat', 'dog', 'shark'];
19   String: string = 'This is a group of animals';
20   Array: any[] = ['milk', 'cookie', 'cheesecake', 'tart', 'french toast'];
21   pi: number = 3.14159265359;
22   data: object = {
23     myname: "Kiana", age: "20", Hobbies: [
24       {name: "Baking", type: "Pastries"},
25       {name: "Listening to music", type: "Pop"},
26       {name: "Online Game", type: "MLBB"}
27     ]
28   }
29
30   constructor(){
31     this.time$ = interval(1000).pipe(map(()=> new Date()))
32
33   }
34 }
35
36
37
38
```

date -p i p e s

Date Pipes

Current date: Feb 8, 2024

Current date: Thursday, February 8, 2024

Current date: 2/8/24, 3:47 PM

```
<h2> Date Pipes</h2>
<div>
  <p>Current date: {{ currentDate | date }}</p>
  <p>Current date: {{ currentDate | date:'fullDate' }}</p>
  <p>Current date: {{ currentDate | date:'short' }}</p>
</div>
```

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32 |
33 |   }
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36
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38 |
```

Currency Format Pipes

Price: \$12,345.68

Price: Php12,345.68

Price: €12,345.68

```
<h2> Currency Format Pipes</h2>
<div>
  <p>Price: {{ price | currency }}</p>
  <p>Price: {{ price | currency:'Php':'symbol-narrow':'4.2-2' }}</p>
  <p>Price: {{ price | currency:'EUR':'symbol-narrow':'4.2-2' }}</p>
</div>
```

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38 You, 3 minutes ago - Uncommitted changes
```

decimal-pipes

Decimal Pipes

Round off: $1.5 = 2$

2 decimal points: 3.55

With comma and 2 decimal points: 294,056.02

```
<h2> Decimal Pipes</h2>  
Round off: 1.5 = {{ 1.5 | number: '1.0-0' }}<br> You, 4 minutes ago  
2 decimal points: {{ 3.54563224684 | number: '1.1-2' }}<br>  
With comma and 2 decimal points: {{ 294056.015143 | number: '3.1-2' }}
```

json-pipes

Json Pipes

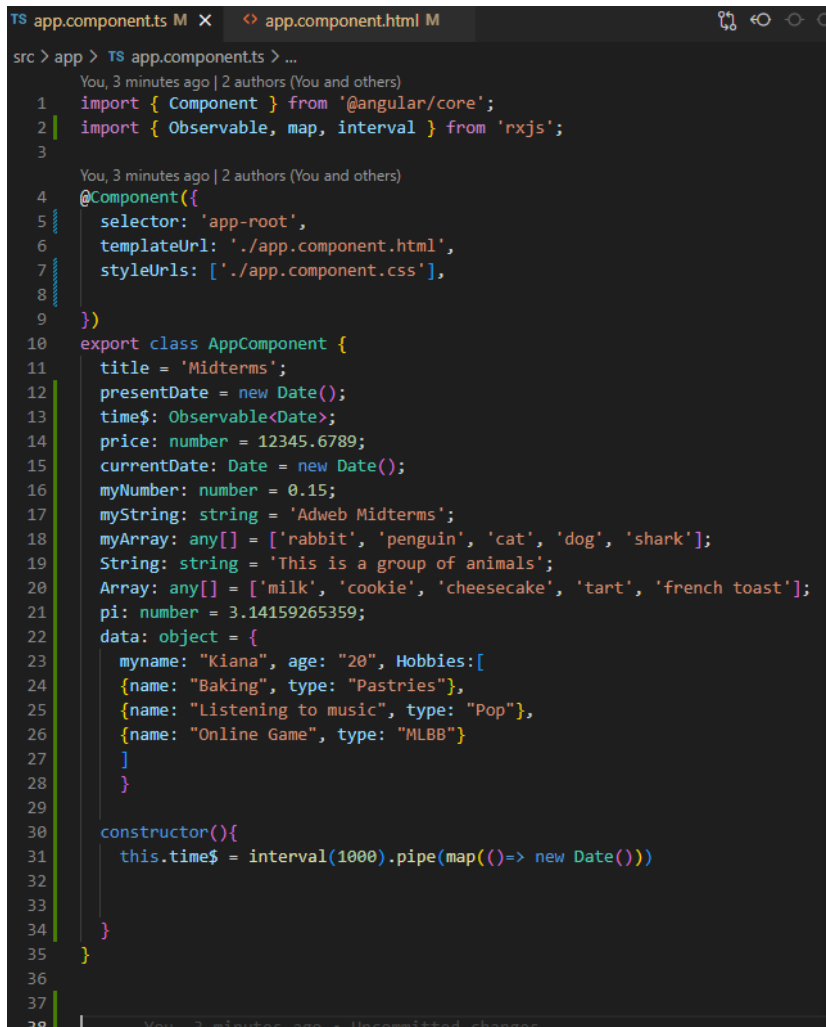
```
{  
  "myname": "Kiana",  
  "age": "20",  
  "Hobbies": [  
    {  
      "name": "Baking",  
      "type": "Pastries"  
    },  
    {  
      "name": "Listening to music",  
      "type": "Pop"  
    },  
    {  
      "name": "Online Game",  
      "type": "MLBB"  
    }  
  ]  
}
```

```

<h2> Json Pipes</h2>
<div>
  <pre>{{ data | json }}</pre>
</div>

<h2> Percent Pipes</h2>
<div>
  <p>Original Number: {{ myNumber }}</p>
  <p>Percentage Value: {{ myNumber | percent }}</p>
  <p>Sale: {{ myNumber | percent }}</p>
</div>

```



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```

Percent Pipes

Original Number: 0.15

Percentage Value: 15%

Sale: 15%

```
<h2> Percent Pipes</h2>
<div>
  <p>Original Number: {{ myNumber }}</p>
  <p>Percentage Value: {{ myNumber | percent }}</p>
  <p>Sale: {{ myNumber | percent }}</p>
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slice-pipes

Slice Pipes

Original Array: rabbit,penguin,cat,dog,shark

Sliced Array: rabbit,penguin,cat

Original String: This is a group of animals

Sliced String: This is

Original String: milk,cookie,cheesecake,tart,french toast

Sliced String: french toast

```
<h2> Slice Pipes</h2>
<div>
  <p>Original Array: {{ myArray }}</p>
  <p>Sliced Array: {{ myArray | slice:0:3 }}</p>
</div>

<div>
  <p>Original String: {{ String }}</p>
  <p>Sliced String: {{ String | slice:0:7 }}</p>
</div>

<div>
  <p>Original String: {{ Array }}</p>
  <p>Sliced String: {{ Array | slice:4:5 }}</p>
</div>
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