

## SOURCE CODE

### product-list-component.html

```
<h3>PIPES DEMO</h3>
<tr [style.font-size.px]="20">
  <th>Name </th>
  <td [style.color]='"#306A9D"'>{{product1}}</td>
</tr>
<tr [style.font-size.px]="20">
  <th>UpperCase Name </th>
  <td [style.color]='"#306A9D"'>{{ product1 | uppercase }}</td>
</tr>
<tr><br><br></tr>
<tr [style.font-size.px]="20">
  <th>Name with '-' </th>
  <td [style.color]='"#306A9D"'>{{product2}}</td>
</tr>
<tr [style.font-size.px]="20">
  <th>Replacing '-' with '@' </th>
  <td [style.color]='"#306A9D"'>{{ product2 | convertToSpaces:'-'}}</td>
</tr>
```

### product-list-component.ts

```
import { Component } from '@angular/core';

@Component({
  selector: 'app-product-list',
  templateUrl: './product-list.component.html',
  styleUrls: ['./product-list.component.css']
})
export class ProductListComponent {
  product1: any="Pipes Demo"; // Define the product property
  product2:any="Pipes-spaces-Demo"

}
```

## app-component.ts

```
import { Component } from '@angular/core';

@Component({
  selector: 'app-root',
  template: '<app-product-list></app-product-list>',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title = 'ang-project-8';
}
```

## app-module.ts

```
import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';

import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';
import { ProductListComponent } from './product-list/product-list.component';
import { ConvertToSpacesPipe } from './convert-to-spaces.pipe';

@NgModule({
  declarations: [
    AppComponent,
    ProductListComponent,
    ConvertToSpacesPipe
  ],
  imports: [
    BrowserModule,
    AppRoutingModule
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

## convert-to-spaces.pipe.ts

```
import { Pipe, PipeTransform } from "@angular/core";
@Pipe({
  name: 'convertToSpaces'
})
export class ConvertToSpacesPipe implements PipeTransform{
  transform(value: string, character: string): string {
    return value.replace(new RegExp(character, 'g'), '@');
  }
}
```