# Creating Single Page Application (SPA)

**Procedure:**

1. Create Custom Components: home, category, product, deal and contact

   ng g c [component name]

2. Create Links in app.component.html and Configure Route Path in app-routing.module.ts

3. Add <router-outlet></router-outlet> tag in app.component.html

4. Cut and copy relevant content from app.component.html to corresponding components

5. Create Dynamic Content in product.component.html

   (Modify first product box and remove all other 7 boxes)

```html
<div class="box" *ngFor = "let item of products">
        <span class="discount">{{item.discount}}</span>
        <div class="icons">
            <a href="#" class="fas fa-heart"></a>
            <a href="#" class="fas fa-share"></a>
            <!-- <a href="#" class="fas fa-eye"></a> -->
        </div>
        <img src="assets/images/{{item.image}}" alt="">
        <h3>{{item.name}}</h3>
        <div class="stars">
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star-half-alt"></i>
        </div>
        <div class="price"> {{item.discount_price}} <span>
{{item.original_price}} </span> </div>
        <div class="quantity">
            <span>quantity : </span>
            <input type="number" min="1" max="1000" value="1">
            <span> /kg </span>
        </div>
        <a href="#" class="btn">add to cart</a>
    </div>
```

6. Add Declaration with Data in product.component.ts

```
products = [
    {"discount": "-33%", "image" : "product-1.png", "name" : "organic
banana", "discount_price" : "$10.50", "original_price" : "$13.20"},
    {"discount": "-45%", "image" : "product-2.png", "name" : "organic
tomato", "discount_price" : "$10.50", "original_price" : "$13.20"},
    {"discount": "-33%", "image" : "product-3.png", "name" : "organic
banana", "discount_price" : "$10.50", "original_price" : "$13.20"},
```

    {"discount": "-33%", "image" : "product-4.png", "name" : "organic banana", "discount_price" : "$10.50", "original_price" : "$13.20"},
    {"discount": "-33%", "image" : "product-5.png", "name" : "organic banana", "discount_price" : "$10.50", "original_price" : "$13.20"},
    {"discount": "-33%", "image" : "product-6.png", "name" : "organic banana", "discount_price" : "$10.50", "original_price" : "$13.20"},
    {"discount": "-33%", "image" : "product-7.png", "name" : "organic banana", "discount_price" : "$10.50", "original_price" : "$13.20"},
    {"discount": "-33%", "image" : "product-8.png", "name" : "organic banana", "discount_price" : "$10.50", "original-price" : "$13.20"}
]