**<https://meet.google.com/zsu-ffoe-kzp>**

**Convert Website Design to Angular Project**

**Procedure:**

1. Download Free Website Template (e.g., <https://www.free-css.com>)
2. Create Angular Project with Routing Option

* ng new demo\_14072022

1. Install and Configure Bootstrap

* npm install bootstrap -save
* Copy Reference Paths of bootstrap.min.css and bootstrap.min.js files in angular.json

"styles": [

"src/styles.css",

"node\_modules/bootstrap/dist/css/bootstrap.min.css"

],

"scripts": [

"node\_modules/bootstrap/dist/js/bootstrap.min.js"

]

1. Copy Header Content in index.html
2. Copy Body Content in app.component.html
3. Copy CSS files into assets/css folder
4. Copy images into assets/images folder
5. Change Image Path wherever required in app.component.html
6. Run Angular Project

[LiveQuiz - Take Quiz (datalabs.info)](https://livequiz.datalabs.info/TakeQuiz?QuizId=185)

**Creating Single Page Application (SPA)**

**Procedure:**

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

ng g c [component name]

1. Create Links in app.component.html and Configure Route Path in app-routing.module.ts
2. Add <router-outlet></router-outlet> tag in app.component.html
3. Cut and copy relevant content from app.component.html to corresponding components
4. Create Dynamic Content in product.component.html

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

 <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>

1. 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"}

  ]