**Lab Assingnment – 4**

**Create an App using ANGULAR with Components, Binding, and Services usage**

**Code:**

**Components : 1)food-item 2) menu**

import { Component, Input } from '@angular/core';

import { Food } from '../food.model';

@Component({

  selector: 'app-food-item',

  templateUrl: './food-item.component.html',

  styleUrls: ['./food-item.component.css']

})

export class FoodItemComponent {

  @Input() foodItem!: Food;

}

import { Component, OnInit } from '@angular/core';

import { FoodService } from '../food.service';

import { Food } from '../food.model';

@Component({

  selector: 'app-menu',

  templateUrl: './menu.component.html',

  styleUrls: ['./menu.component.css']

})

export class MenuComponent implements OnInit {

  foodItems: Food[] = [];

  constructor(private foodService: FoodService) {}

  ngOnInit(): void {

    this.foodItems = this.foodService.getFoodItems();

  }

}

**Service : food service**

import { Injectable } from '@angular/core';

import { Food } from './food.model';

@Injectable({

  providedIn: 'root'

})

export class FoodService {

  private foodItems: Food[] = [

    { id: 1, name: 'Burger', description: 'Delicious burger with veggies', price: 8.99 },

    { id: 2, name: 'Pizza', description: 'Cheesy pizza with your favorite toppings', price: 12.99 },

    { id: 3, name: 'Salad', description: 'Fresh and healthy salad', price: 6.99 }

  ];

  getFoodItems(): Food[] {

    return this.foodItems;

  }

}

**app.ts**

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

@Component({

  selector: 'app-root',

  templateUrl: './app.component.html',

  styleUrls: ['./app.component.css']

})

export class AppComponent {

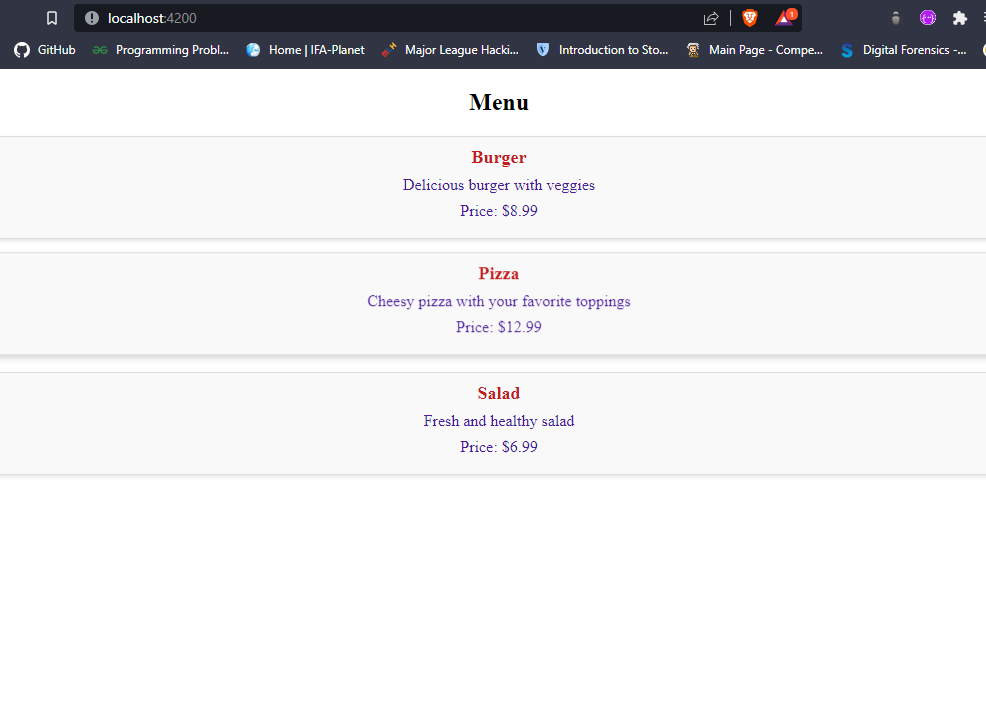
  title = 'restaurant-app';

}

**app.component**

<app-menu></app-menu>

**Output:**

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