Lab Assingnment – 4

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

Code:

Components : 1)food-item 2) menu

```typescript
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;
}
```

```typescript
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

```typescript
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

```typescript
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

```html
<app-menu></app-menu>
```

Menu

Burger

Delicious burger with veggies

Price: $8.99

Pizza

Cheesy pizza with your favorite toppings

Price: $12.99

Salad

Fresh and healthy salad

Price: $6.99