

1. Create a button with click and function inside

2.

```
list-employees.component.html
1 <button (click)="nextEmployee()" class="btn btn-primary">
2   View Next Employee
3 </button>
4 <br/><br/>
5 <app-employee-display [employee]="employeeToDisplay">
6 </app-employee-display>
```

```
employee.service.ts
1 import { Injectable } from '@angular/core';
2 import { Employee } from '../models/employee.model';
3
4 @Injectable()
5
6 export class EmployeeService {
7   private listEmployees: Employee[] = [
8     {
9       id: 1,
10      name: 'Mark',
11      gender: 'Male',
12      contactPreference: 'Email',
13      email: 'mark@pragimtech.com',
14      dateOfBirth: new Date( 'value: '10/25/1988' ),
15      department: '3',
16      isActive: true,
17      photoPath: 'assets/images/logo.jpg',
18      password: null,
19      confirmPassword: null,
20    },
21    {
22      id: 2,
23      name: 'Mary',
24      gender: 'Female',
25      contactPreference: 'Phone',
26      phoneNumber: 12345678,
27      dateOfBirth: new Date( 'value: '11/20/1979' ),
28      department: '2',
29      isActive: true,
30      photoPath: 'assets/images/logo.jpg',
31      password: null,
32      confirmPassword: null,
33    },
34    {id: 3...},
35  ];
36
37   getEmployees(): Employee[] {
38     return this.listEmployees;
39   }
40
41   save(employee: Employee) {
42     this.listEmployees.push(employee);
43   }
44 }
```

```
list-employees.component.ts
1 import { Component, OnInit } from '@angular/core';
2 import { Employee } from '../models/employee.model';
3 import { EmployeeService } from './employee.service';
4
5 @Component({
6   templateUrl: './list-employees.component.html',
7   styleUrls: ['./list-employees.component.css']
8 })
9 export class ListEmployeesComponent implements OnInit {
10   employees: Employee[];
11   employeeToDisplay: Employee;
12   private arrayIndex = 1;
13
14   constructor(private _employeeService: EmployeeService) { }
15
16   ngOnInit() {
17     this.employees = this._employeeService.getEmployees();
18     this.employeeToDisplay = this.employees[0];
19   }
20
21   nextEmployee(): void {
22     if (this.employeeToDisplay.id <= 2) {
23       this.employeeToDisplay = this.employees[this.arrayIndex];
24       this.arrayIndex++;
25     } else {
26       this.employeeToDisplay = this.employees[0];
27       this.arrayIndex = 1;
28     }
29   }
30 }
```