**Practice with ngIf and routes with Parameter**

Que: 1) Modify the existing project such that odd and even cards of students should have different style binding (use \*ngIf and [ngStyle].

Student.component.html:

<h1 class="d-flex justify-content-center text-secondary mb-4">Student List</h1>

<div class="p-3">

      <div  class="row card-group  d-flex justify-content-center">

        <div \*ngFor="let student of std ; let i = index"  class="col-2 mt-1 mr-2 border border-primary shadow-lg">

          <img class="card-img-top" [src]="student.url" width="130px" height="190px" [routerLink] = "['/studentdetail',{id:i}]">

          <div class="card-body" [ngStyle]="{'color':  i % 2 == 0 ? 'blue' : 'red' }">

            <h5 class="card-title text-center">{{student.enro}}<hr></h5>

            <p class="text-secondary">Name : {{student.name}}</p>

            <p class="text-secondary">Department : {{student.dep}}</p>

          </div>

        </div>

    </div>

</div>

Que: 2) Provide routes with parameter. When any card of student is clicked from "studentList" component, display the details of that particular student in newly created "student Component".

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<div class="p-3">

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          <img class="card-img-top" [src]="student.url" width="130px" height="190px" [routerLink] = "['/studentdetail',{id:i}]">

          <div class="card-body">

            <h5 class="card-title text-center">{{student.enro}}<hr></h5>

            <p class="text-secondary">Name : {{student.name}}</p>

            <p class="text-secondary">Department : {{student.dep}}</p>

          </div>

        </div>

    </div>

</div>

Studentdetail.component.html:

<div class="container d-flex justify-content-center">

  <div class="m-4 p-5 bg-secondary text-white">

    <h4>Student Details</h4><br>

    <p>Name : {{student.name}}</p>

    <p>BOD : {{student.BOD}}</p>

    <p>City : {{student.city}}</p>

  </div>

</div>

Studentdetail.component.ts:

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

import { ActivatedRoute, ActivationEnd } from '@angular/router';

@Component({

  selector: 'app-studentdetail',

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

  styleUrls: ['./studentdetail.component.css']

})

export class StudentdetailComponent implements OnInit {

  constructor(private \_activatedRoute:ActivatedRoute) { }

  student : any=null;

  sutudents = [{

    name :"Chetan Kochianiya",

    BOD : "22-06-2001",

    city : "Rajkot"

  },

  {

    name:"Vishvaraj Chudasama",

    BOD : "11-11-2002",

    city :"Surat"

  },

]

  ngOnInit(): void {

    this.\_activatedRoute.params.subscribe(param=>{

        this.student = this.sutudents[param['id']];

    })

  }

}

Que: 3) Provide default and 404NotFound routes for the application.

App.routing. module.ts:

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

import { RouterModule, Routes } from '@angular/router';

import { AppComponent } from './app.component';

import { ErrorComponent } from './error/error.component';

import { HomeComponent } from './home/home.component';

import { ResultComponent } from './result/result.component';

import { StudentComponent } from './student/student.component';

import { StudentdetailComponent } from './studentdetail/studentdetail.component';

const routes: Routes = [

  {path:"Home",component:HomeComponent},

  {path:"student-port",component:StudentComponent},

  {path:"result",component:ResultComponent},

  {path:"studentdetail",component:StudentdetailComponent},

  {path:"studentdetail/:id",component:StudentdetailComponent},

  {path:'',redirectTo:'Home',pathMatch:'full'},

  {path:"\*\*",component:ErrorComponent}

];

@NgModule({

  imports: [RouterModule.forRoot(routes)],

  exports: [RouterModule]

})

export class AppRoutingModule { }