

Search.component.html

```
<h1>search a particular student here</h1>

<input type="text" name="SearchStudent" id="" placeholder="enter regno"
[(ngModel)]="searchstudent">

<button (click)="Search()">search</button>
```

Search.component.ts

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

@Component({
  selector: 'app-search',
  templateUrl: './search.component.html',
  styleUrls: ['./search.component.css']
})
export class SearchComponent implements OnInit {
  searchstudent:string=''
  constructor(private route:Router) { }
  ngOnInit(): void {
  }
  Search(){
    console.log('search')
    this.route.navigateByUrl('/search/'+this.searchstudent)
  }
}
```

Home.component.ts

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

```

import { StudentInfo } from '../classes/student-info';
import { StudentLibService } from '../services/student-lib.service';

@Component({
  selector: 'app-home',
  templateUrl: './home.component.html',
  styleUrls: ['./home.component.css']
})
export class HomeComponent implements OnInit {
  toggle:boolean=true
  studentModel:StudentInfo[]=[]
  constructor(private studentinfo:StudentLibService,private routea:ActivatedRoute) { }
  ngOnInit(): void {
    this.routea.params.subscribe(params=>{
      if(params['searchstudent']){

this.studentModel=this.studentinfo.StudentDetails().filter(studentModel=>studentModel.regno==p
arams['searchstudent']);

      }else{
        this.studentModel=this.studentinfo.StudentDetails()
      }
    })
  }
}

```

Home.component.html

```

<div class="container">

  <div class="row row-cols-1 row-cols-sm-5">

    <div class="card" *ngFor="let student of studentModel">

```

```

        <img class="card-img-top" src={{student.image}} alt="Card image cap"
height="50%" width="42%">

        <div class="card-body">

            <h5 class="card-title">Student Details</h5>

            <p class="card-text"><span>Reg no: </span>{{student.regno}}</p>

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

            <p class="card-text"><span>date of birth:
</span>{{student.dateofbirth}}</p>

            <p class="card-text"><span>father name:
</span>{{student.father_name}}</p>

            <p class="card-text"><span>mother name:
</span>{{student.mother_name}}</p>

            <p class="card-text"><span>phone: </span>{{student.phone}}</p>

        </div>

    </div>

</div>
</div>

```

Student-lib.service.ts

```

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

import { StudentInfo } from '../classes/student-info';

@Injectable({
    providedIn: 'root'
})

export class StudentLibService {

    constructor() { }

    StudentDetails():StudentInfo[]{

        return[

            regno:10003,

```

```
    name: 'Mahesh A',
    dateofbirth: '10-12-2001',
    father_name: 'Arun',
    mother_name: 'Maha',
    phone: 9878987652,
    image: '/assets/mark_uncle.jpg'
  },
  {
    regno: 10004,
    name: 'mark antony A',
    dateofbirth: '05-05-2002',
    father_name: 'karthik',
    mother_name: 'suba',
    phone: 9442377567,
    image: '/assets/img2.jpg'
  },
  {
    regno: 10006,
    name: 'mariyamma A',
    dateofbirth: '05-05-2002',
    father_name: 'karthik',
    mother_name: 'suba',
    phone: 9442377567,
    image: '/assets/img3.jpg'
  }
]
}
```

Student-info.ts

```
export class StudentInfo {  
  
    regno!:number;  
  
    name!:string;  
  
    dateofbirth!:any;  
  
    father_name!:string;  
  
    mother_name!:string;  
  
    phone!:number;  
  
    image!:string;  
  
}
```

