

----- add.html -----

```
<body>
  <form #myForm = "ngForm" (ngSubmit)="addData(myForm)">

    <div class="form-group">

      <input type="text" class="form-control" id="name" name="name" ngModel required>

    </div>

    <br>

    <div class="form-group">

      <label form = "class1">Class:</label>

      <input type="text" class="form-control" id="class1" name="class1" ngModel required>

    </div>

    <button class="btn btn-success">Add</button>

  </form>

</body>
```

----- add.ts -----

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

import { FormsModule, NgForm } from '@angular/forms';

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

import { NameService } from '../name.service';
@Component({
  selector: 'app-add',
  standalone : true,
  imports: [FormsModule,RouterModule],
  templateUrl: './add.component.html',
  styleUrls: ['./add.component.css']
})
export class AddComponent {

  constructor (private service: NameService, private router:Router){

  }

  addData(form:NgForm){

    console.log(form.value)

    const temp = {
```

```

rollno:form.value.rollno,

name:form.value.name,

class1:form.value.classi,

}

this.service.addRecord(temp).subscribe(()=>{
  console.log("record added");

})

}

}

```

----- crud.html -----

```

<body>

  <div class="container">

    <h3 align="center"><b>Basic CRUD</b></h3>

    <table class="table table-hover text-center">

      <thead>

        <tr>

          <th>Roll No</th>

          <th>Name</th>

          <th>class</th>

        </tr>

      </thead>

      <tbody>

        @for (e of cruddata; track e.id) {
          <tr>
            <td>{{e.rollno}}</td>
            <td>{{e.name}}</td>
            <td>{{e.class1}}</td>
            <td><button [routerLink] = "[edit,e.id]">Edit</button></td>
            <td><button (click)="onDelete(e.id)">Delete</button></td>
          </tr>
        }
      </tbody>
    </table>
  </div>

```

```

</tbody>

</table>

<br>

<br>

</div>

<br>

<button class = "btn btn-success" (click) = "next()">Add</button>

<br>

</body>

```

----- crud.ts -----

```

import { CommonModule } from '@angular/common';
import { Component } from '@angular/core';
import { FormsModule } from '@angular/forms';
import { HttpClient } from '@angular/common/http';
import { RouterModule, RouterOutlet } from '@angular/router';
import { Router } from '@angular/router';
import { NameService } from '../name.service';

@Component({
  selector: 'app-crud',
  standalone: true,
  imports: [FormsModule, CommonModule, RouterOutlet, RouterModule, HttpClient],
  templateUrl: './crud.component.html',
  styleUrls: ['./crud.component.css']
})
export class CrudComponent {
  cruddata: any

  constructor(private databaseservice: NameService, private route: Router) {

  }

  fetchData() {

    this.databaseservice.getjobs().subscribe((data: any) =>

    this.cruddata=data

```

```

    )
}

ngOnInit():void{
    this.fetchData()
}

onDelete(id : number){
    this.databaseservice.deleteRecord(id).subscribe(() => {
        console.log("del")
        alert("deleted successfully")
        this.fetchData()

    })
}

next():void{
    this.route.navigate(['/add'])
}

}

```

----- edit.html -----

```

<body>
    <br>

    <br>

    <form #myForm="ngForm" (ngSubmit)="updateData(myForm)">

    <div class="a">

    <h2 class="text-center" id="he">Update Details</h2>

    <div class="form-group">

    <label for="">Roll no</label>

    <input type="number" name="rollno" class="form-control" [ngModel]="job?.rollno" required>

    </div>

    <br>

    <div class="form-group">

    <label for=""> Name</label>

    <input type="text" name="name" class="form-control" [ngModel]="job?.name" required>

    </div>

```

```

<br>

<div class="form-group">

<label for="class1">Class</label>

<input type="text" name="class1" id="class1" class="form-control" [ngModel]="job?.class1" required>

</div>

<br>

<br>

<button class="btn btn-primary">Update</button>

</div>

</form>

</body>

```

----- edit.ts -----

```

import { Component } from '@angular/core';
import { CommonModule } from '@angular/common';
import { FormsModule, NgForm } from '@angular/forms';
import { ActivatedRoute, Router, RouterModule } from '@angular/router';
import { NameService } from '../name.service';

```

```

@Component({
  selector: 'app-edit',
  standalone: true,
  imports: [FormsModule, CommonModule, RouterModule],
  templateUrl: './edit.component.html',
  styleUrls: ['./edit.component.css']
})
export class EditComponent {

```

```

  id: any

```

```

  job: any

```

```

  constructor(private aRoute: ActivatedRoute, private service: NameService, private router: Router) {
  }

```

```

  ngOnInit(): void{

```

```

    this.aRoute.paramMap.subscribe((p) => {

```

```

      this.id=p.get('id')

```

```

this.service.getrecords (this.id).subscribe( (res)=>{

this.job=res

})

})

}

updateData (form:NgForm) {

  const update = {

    id:this.id,

    rollno:form.value.rollno,

    name:form.value.name,

    class1:form.value.class1

  }

  this.service.updateRecord(update).subscribe (()=>{

    console.log('Record updated successfully')

  })

}

}

```

----- name.service -----

```

import { Injectable } from '@angular/core';
import { HttpClient } from '@angular/common/http';

@Injectable({
  providedIn: 'root'
})
export class NameService {

  mainpath:string="http://localhost:8082/data"

  constructor(private http:HttpClient) {

  }

  getrecords (id:string)

  { return this.http.get('${this.mainpath}/${id}')
```

```

}

getjobs()

{ return this.http.get(this.mainpath)

}

addRecord(cruddata: any){

return this.http.post(this.mainpath, cruddata)

}

deleteRecord (id:number){

return this.http.delete('${this.mainpath}/${id}')

}

updateRecord(cruddata:any){

return this.http.put('${this.mainpath}/${cruddata.id}', cruddata)

}

}

```

---- app.routes ----

```

import { Routes } from '@angular/router';
import { CrudComponent } from './crud/crud.component';
import { AddComponent } from './add/add.component';
import { EditComponent } from './edit/edit.component';

export const routes: Routes = [
  {path:"crud",component:CrudComponent},
  {path:"add",component:AddComponent},
  {path:"edit/:id",component>EditComponent}
];

```

----- app.html ----

```

<app-crud></app-crud>
<router-outlet></router-outlet>

```