HTTP Observables – Steps

1. Create json - > move the data service to json files
2. Save under src/api/movies.json
3. Angular.json – assets -> src/api
4. App.config – provider – httpclient

Movies.component.ts

1. ngOnInit(): void {
2. console.log("At the on init phase..");
3. //From Service only
4. //this.searchedMovies = this.\_movService.getMovies();
5. //With Http/Observables
6. this.sub = this.\_movService.getMovies().subscribe({
7. next:movies => {
8. this.movies = movies;
9. this.searchedMovies = this.movies;
10. },
11. error:err=>this.errorMessage = err
12. });
13. Movie.serviceobs.ts
14. constructor(private http:HttpClient) { }
15. getMovies():Observable<IMovie[]>{
16. return this.http.get<IMovie[]>(this.movieurl).pipe(
17. tap(data =>console.log('All', JSON.stringify(data))),
18. catchError(this.handleError)
19. );
20. }
21. getMovieById(id:number):Observable<IMovie|undefined>{
22. return this.getMovies()
23. .pipe(
24. map((movies:IMovie[])=>movies.find(m=>m.movieID === id)),
25. catchError(this.handleError)
26. )
27. }
28. ngOnInit(): void {
29. //this.id = this.route.snapshot.params['id'];
30. this.route.paramMap.subscribe((map) =>
31. {
32. this.id = +map.get('id')!;
33. if(this.id)
34. { this.movService.getMovieById(this.id).subscribe({
35. next:movie => this.movie = movie,
36. error:err => this.errorMessage = err
37. });
38. }
39. });
40. }

**Movie-detail.component.ts**