Go to the miviedb.org/documentation/api

Link : <https://www.themoviedb.org/documentation/api>

Register on it | pankaj\_119 | pankaj9955158678##$$

Now , click on setting->API

Fill the form . Once we successfully filled the details we will get :

a)api key : 8301a21598f8b45668d5711a814f01f6

b)Token : eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJhdWQiOiI4MzAxYTIxNTk4ZjhiNDU2NjhkNTcxMWE4MTRmMDFmNiIsInN1YiI6IjU5NWQxNWY3OTI1MTQxMGJmYTA3NmVlNCIsInNjb3BlcyI6WyJhcGlfcmVhZCJdLCJ2ZXJzaW9uIjoxfQ.zHnJ\_ms-X7JcKN2yMp9QZMVp16y1p4hjJfKFJ3\_Ul80

Create afolder components named movies. Inside the components folder create a folder movies. Inside the movies folder create a file **movies.component.ts** + **movies.component.html**

Now declare the movies component inside the app.component.ts

Inside the app.component.html paste the selector for movies

**<movies></movies>**

Bootswatch.com : Select for slate and copy the css. Copy the css inside the index.html

Apply nav and the jumbotron.

<div class=”jumbotron”>

<div class=”container”>

<h1>Movies</h1>

<p>

Lorem ipsum…

</p>

</div>

</div>

<div class=”container”>

<movies></movies>

</div>

<hr>

<footer>

&copy; 2017 MovieFinder

</footer>

**Inside the movies.html**

**<div class=”row”>**

**</div>**

**Explain :**

**Now we need to create the services folder inside the app folder.**Inside the services folder create the **movie.service.ts**

To know how to call the api’s , discover examples :

[**https://www.themoviedb.org/documentation/api/discover**](https://www.themoviedb.org/documentation/api/discover)

**The** popular movies list : <https://api.themoviedb.org/3/discover/movie?callback=JSONP_CALLBACK&sort_by=popularity.desc>&api\_key=

Intheaters : <https://api.themoviedb.org/3/discover/movie?primary_release_date.gte=2014-09-15&primary_release_date.lte=2014-10-22>

Let us create the service with name movie.service.ts . Inside this service we will create 2 different methods for **popularmovies** andlatestmoviIn theater

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

import {Http} from '@angular/http';

import 'rxjs/Rx';//reactive extension

@Injectable()

export class Movie{

apikey : string;

constructor(private http : Http){

this.apikey = '8301a21598f8b45668d5711a814f01f6';

console.log('Movie service gets initialized')

}

getPopular(){

return this.http.get('https://api.themoviedb.org/3/discover/movie?sort\_by=popularity.desc&api\_key='+this.apikey).map(res=>res.json())

}

getInTheaters(){

return this.http.get('https://api.themoviedb.org/3/discover/movie?primary\_release\_date.gte=2014-09-15&primary\_release\_date.lte=2014-10-22').map(res=>res.json());

}

}

**Now let us** call these services inside the movies component.

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

import {Movie} from '../services/movie.service';

@Component({

selector: 'app-movies',

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

styleUrls: ['./movies.component.css'],

providers : [Movie]

})

export class MoviesComponent implements OnInit {

private popularMovies : any[];

constructor(private movie : Movie) { }

ngOnInit() {

this.movie.getPopular().subscribe(

(data)=>{

console.log('The pi data is ')

console.log(JSON.stringify(data.results))

this.popularMovies = data.results;

},

(error)=>{

console.log('Th error is ')

console.log(error)

}

);

}

}

The html will be :

<div class="panel panel-default">

<div class="panel-heading">

<h2 class="panel-title">Movie Album</h2>

</div>

<div class="panel-body">

<div class="row">

<div \*ngFor="let movie of popularMovies;let i = index;" class="col-md-2">

<div \*ngIf="i<6">

<img \*ngIf="movie.poster\_path" src="http://image.tmdb.org/t/p/w500/{{movie.poster\_path}}" class="thumbnail">

<h3>{{movie.title}}</h3>

<p>

{{movie.release\_date}}

</p>

<p>

<button class="btn btn-default">View Details</button>

</p>

</div>

</div>

</div>

</div>

</div>Give the image css as : /\* You can add global styles to this file, and also import other style files \*/

img{

width : 100%

}

**Movie search :**

Let us put the search movie inside the jumbotron area .

**View Detail :**

First we need to pass the parameter for id to the **Movie** component

constructor(private **x** : ActivatedRoute){

}

ngOnInit(){

this.x.params.subscribe((params)=>{

let id = params[‘id’];

this.moveService.getMovie(id).subscribe(

(data)=>{

console.log(data);

})

})

}

<div \*ngIf=”movie”>

<div class=”panel panel-default”>

<div class=”panel-heading”>

<h3 class=”panel-title”>{{movie.title}}</h3>

</div>

<div class=”movie-body”>

<div class=”row”>

<div class=”col-lg-5”>

<img class=”thumbnail” src=”…”>

</div>

<div class=”col-lg-7”>

<ul class=”list-group”>

<li class=”list-group-item”>

Genres : <span \*ngFor=”let genre of movie.genres”>

{{genre.name}}

</span>

</li>

<li class=”list-group-item”>

Release Date : {{movie.release\_date}}

</li>

</ul>

<br>

<a \*ngIf=”movie.homepage” href=”movie.homepage” class=”btn btn-default”>Visit Movie</a>

</div>

</div>

</div>

</div>

</div>

Service method is as follows :