HttpClient is introduced in Angular 6 and it will help us fetch external data, post to it, etc. We need to import the http module to make use of the http service. Let us consider an example to understand how to make use of the http service.

import { BrowserModule } from '@angular/platform-browser';

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

import { BrowserAnimationsModule } from '@angular/platform-browser/animations';

import { HttpClientModule } from '@angular/common/http';

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

@NgModule({

declarations: [

AppComponent

],

imports: [

BrowserModule,

BrowserAnimationsModule,

HttpClientModule

],

providers: [],

bootstrap: [AppComponent]

})

export class AppModule { }

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

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

@Component({

selector: 'app-root',

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

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

})

export class AppComponent {

constructor(private http: HttpClient) { }

ngOnInit() {

this.http.get("http://jsonplaceholder.typicode.com/users").

subscribe((data) ⇒ console.log(data))

}

}

**Example – 2**

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

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

@Component({

selector: 'app-root',

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

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

})

export class AppComponent {

constructor(private http: HttpClient) { }

httpdata;

ngOnInit() {

this.http.get("http://jsonplaceholder.typicode.com/users")

.subscribe((data) => this.displaydata(data));

}

displaydata(data) {this.httpdata = data;}

}

<ul \*ngFor = "let data of httpdata">

<li>Name : {{data.name}} Address: {{data.address.city}}</li>

</ul>

Let us now add the search parameter, which will filter based on specific data. We need to fetch the data based on the search param passed.

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

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

@Component({

selector: 'app-root',

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

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

})

export class AppComponent {

constructor(private http: HttpClient) { }

httpdata;

name;

searchparam = 2;

ngOnInit() {

this.http.get("http://jsonplaceholder.typicode.com/users?id="+this.searchparam)

.subscribe((data) => this.displaydata(data));

}

displaydata(data) {this.httpdata = data;}

}