# Observables Observables provide support for passing messages between publishers and subscribers in your application.

**RxJs**

* RxJx is a library that enables us to work with observables in angular applications.
* It is reactive extension for JavaScript.

**Four steps to implement observable:-**

1. Http get request from service
2. Receive the observables and cast into a type (interface).
3. Subscribe to the observable from component (EMP and Empdetails).
4. Assign type value (employee) to local variables.

**Http get request**

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

import { HttpClient } from '../../../node\_modules/@angular/common/http';

import {IEmployee} from '../contracts/iemployee';

@Injectable({

providedIn: 'root'

})

export class EmployeeService {

private \_url: string = "/assets/data/employee.json";

constructor(private http: HttpClient) { }

public getEmployees() {

return this.http.get<IEmployee[]>(this.\_url);

}

}

**Receive the observables and cast into a type (interface)**

export interface IEmployee {

id: number,

name: string,

sal: number

}

**Subscribe to the observable from component (EMP and Empdetails).**

ngOnInit() {

this.\_employeeservice.getEmployees()

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

}