

# INTERVIEWPANEL

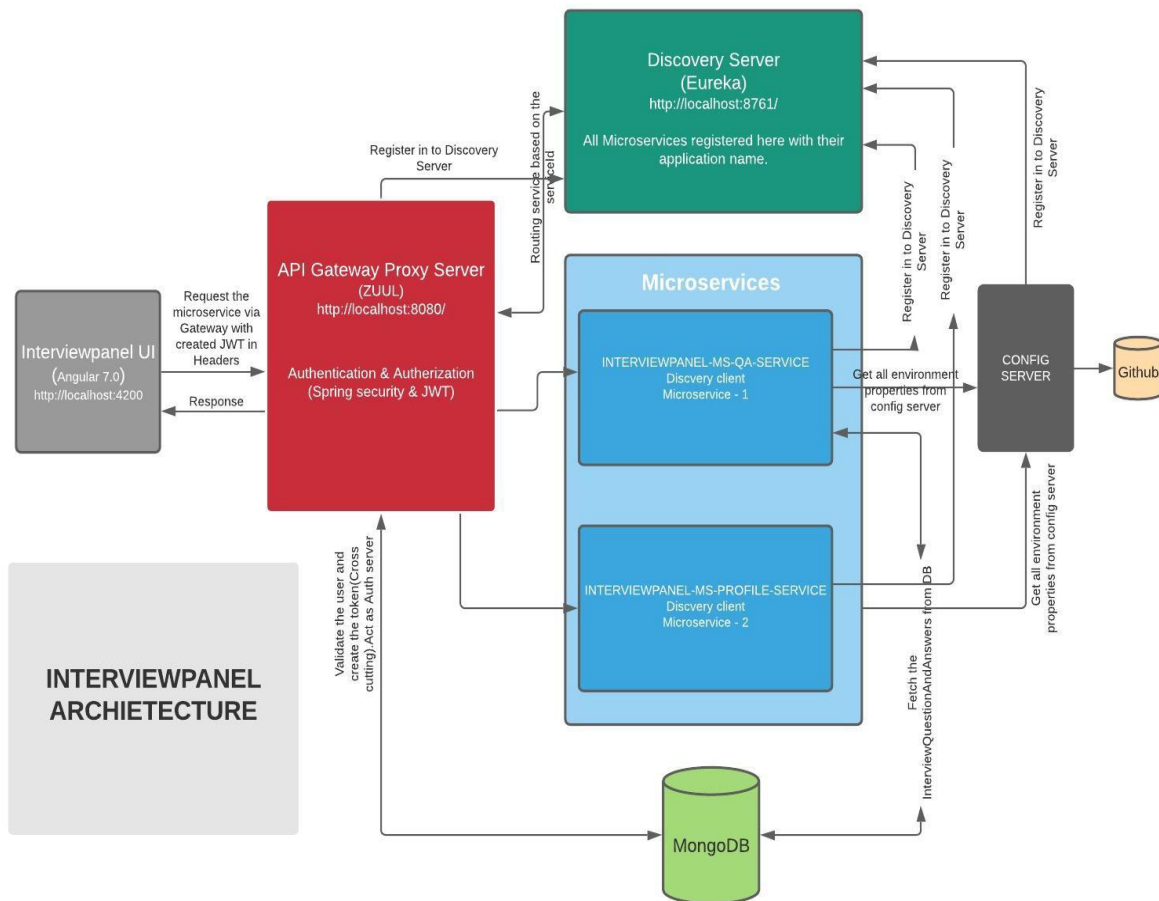


Fig: Interviewpanel - Architecture-Diagram

## Project Local setup :

### Frontend Development:

Git Repository:

- > <https://github.com/karpomkarpipom/interviewpanel-ui>

Development Software and Tool:

- > IDE - Visual Studio Code
- > Angular **7.0**, Node.js, Angular CLI, <https://www.geeksforgeeks.org/angular-7-installation/>

### Backend Development:

Git Repository:

- > Discovery-server : <https://github.com/karpomkarpipom/interviewpanel-discovery-server>
- > Config-server: <https://github.com/karpomkarpipom/interviewpanel-config-server.git>
- > Gateway-server : <https://github.com/karpomkarpipom/interviewpanel-api-gateway-server>
- > Question and Answer Service: <https://github.com/karpomkarpipom/interviewpanel-ms-questionandanswer-service>

Development Software and Tool:

- > IDE – STS or IDEA IntelliJ (I am using Version: 3.9.12.RELEASE)
- > JDK 1.8
- > Mongo db (Any latest version) installed and running in the port of 27017
- > MongoDB Compass Community (GUI)
- > Restclient: Postman or Insomnia

*\* If you are running application non internet then go to configserver application.yml and change to native instead of git uri. Because it will always fetch the config property from git hub.*

### **Backend set steps:**

#### **> Must follow the this below steps**

- > First run Eureka server
- > Second Config server
- > Third Gateway-server
- > Fourth Micro service – (interviewpanel-ms-qa-service)

**STEP 1** > File> import > Git > Projects from Git > Clone URI

> In URI Place <https://github.com/karpomkarpipom/interviewpanel-discovery-server>

> **User:**selvasharesource **password:** [selvasharesource@789](#)

Import Projects from Git

**Source Git Repository**

Enter the location of the source repository.

Location

URI:  Local File...

Host:

Repository path:

Connection

Protocol:

Port:

Authentication

User:

Password:

☒ Store in Secure Store

**STEP 2** > select next

Cloning from https://github.com/karpomkarpipom/interviewpanel-di...

**Branch Selection**


Select branches to clone from remote repository. Remote tracking branches will be created to track updates for these branches in the remote repository.

Branches of https://github.com/karpomkarpipom/interviewpanel-discovery-server:

type filter text

- ☒ master
- ☒ october\_2020\_develop

**STEP 3** > Select your local directory and initial branch as **october\_2020\_develop**

Cloning from https://github.com/karpomkarpipom/interviewpanel-di... 

**Local Destination**  
Configure the local storage location for interviewpanel-discovery-server.

Destination

Directory:

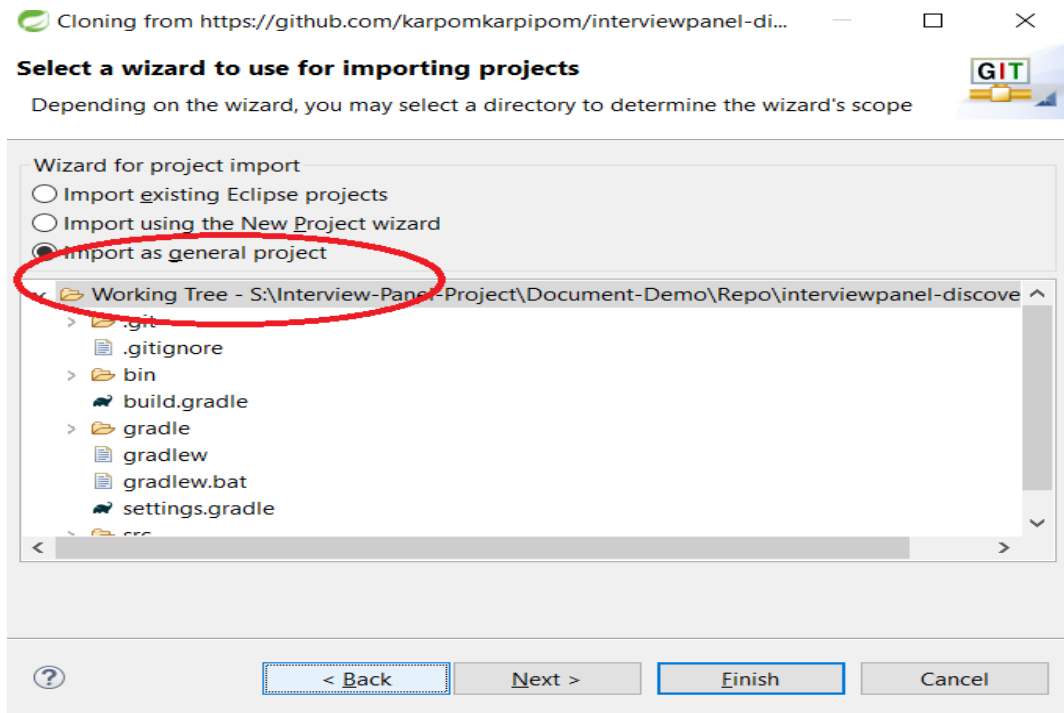
initial branch:

☐ Clone submodules

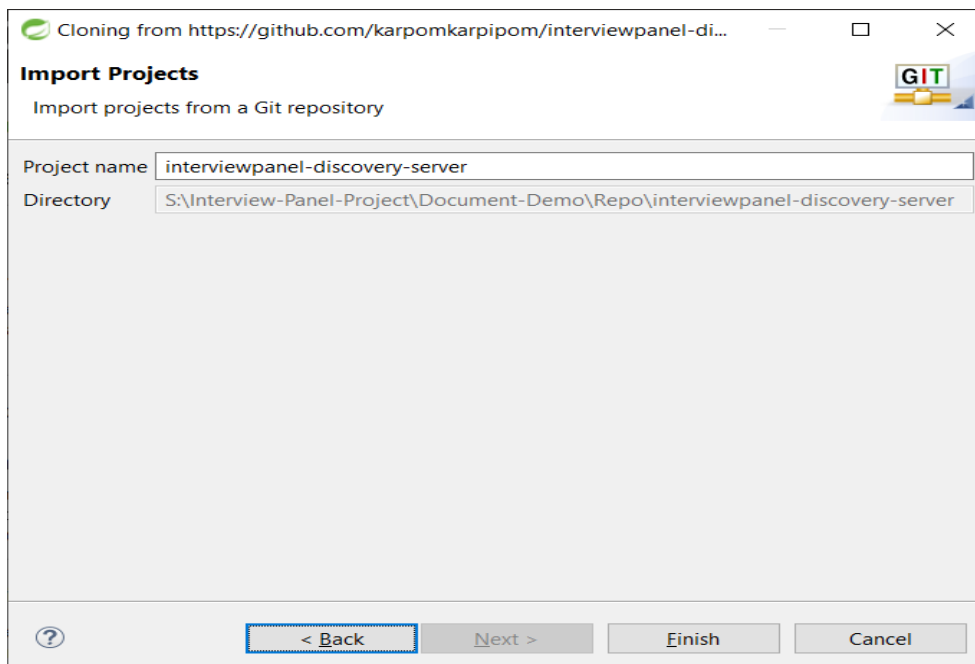
Configuration

Remote name:

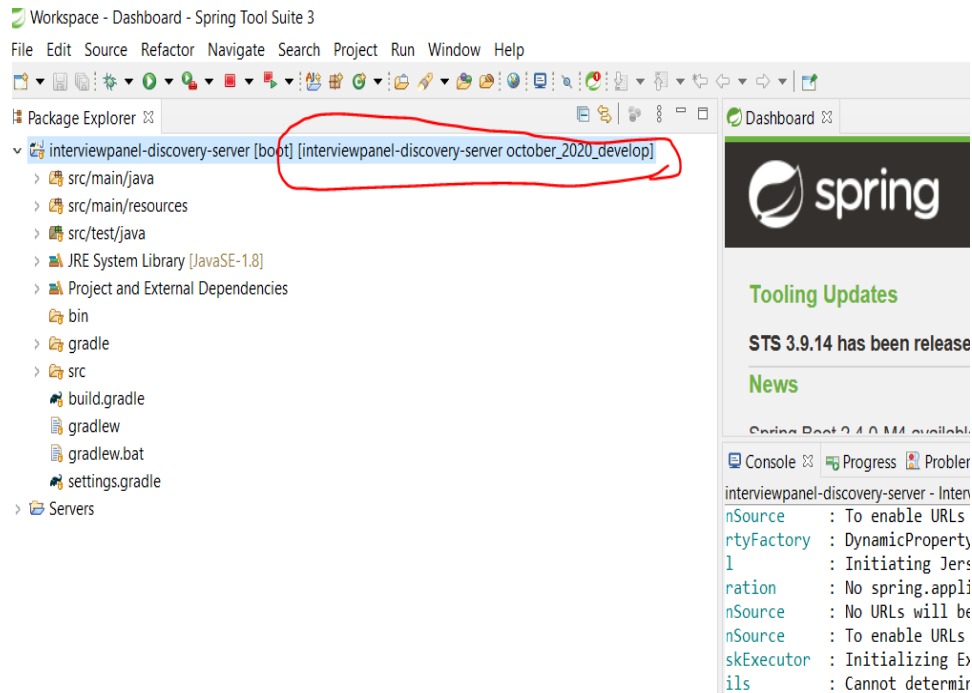
**STEP 4>** Select import as general project



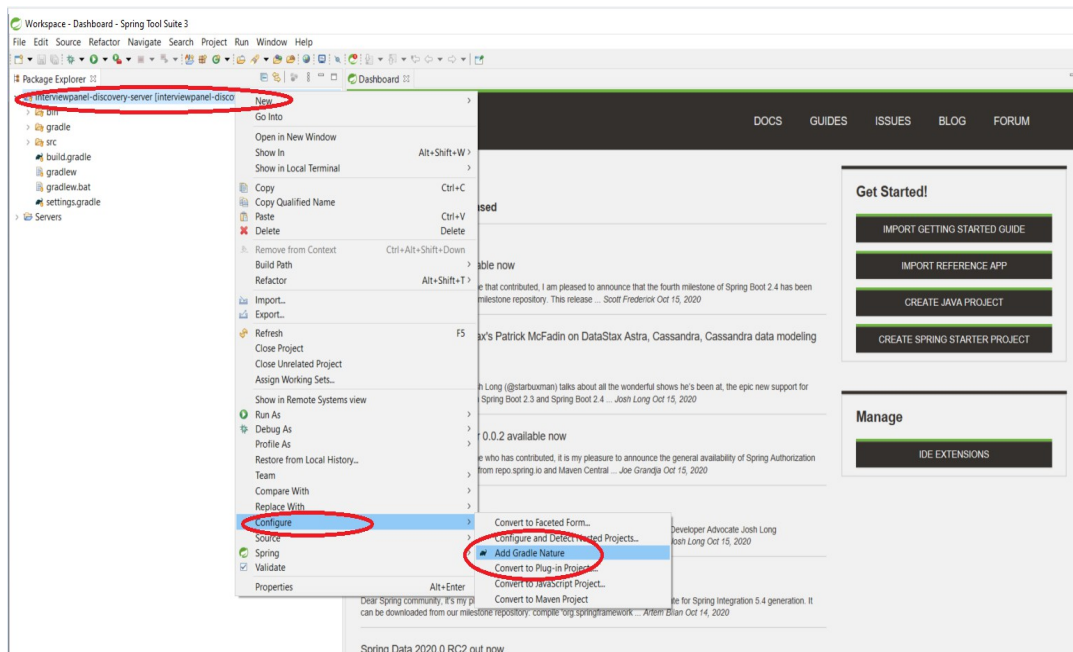
## STEP 5 > Finish



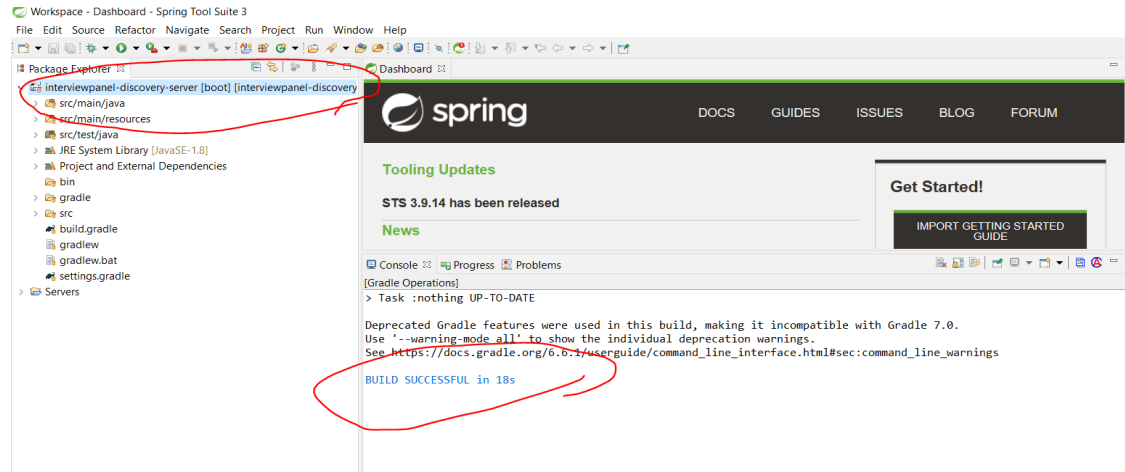
## STEP 6 > Make sure remote branch `october_2020_develop`



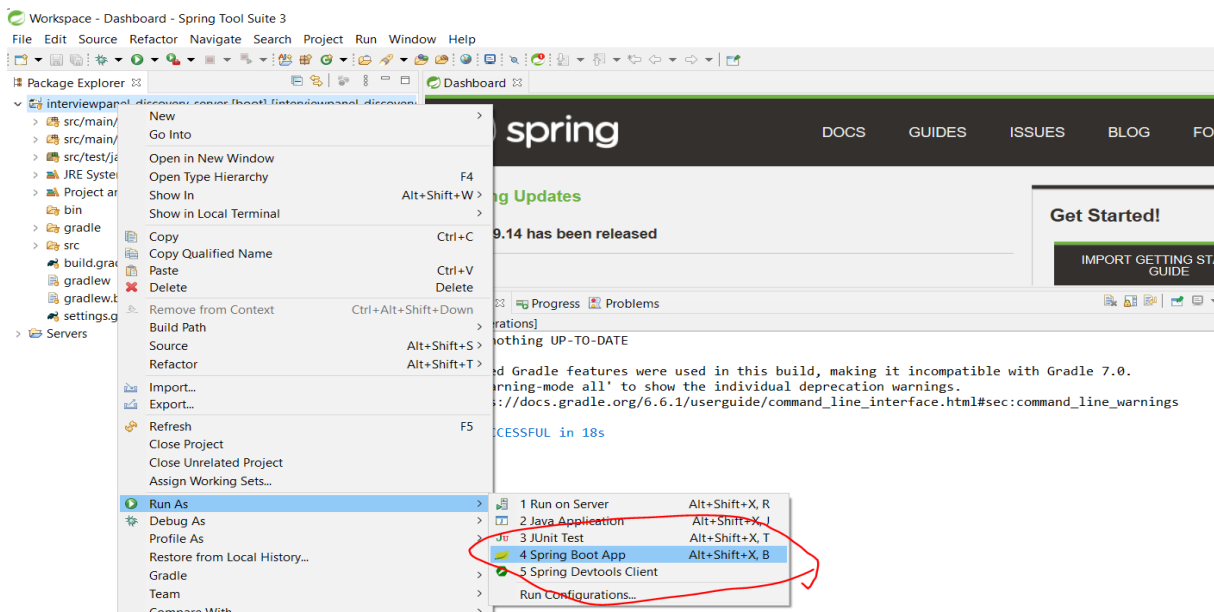
## STEP 7 > Right click > Configure > Add Gradle Nature



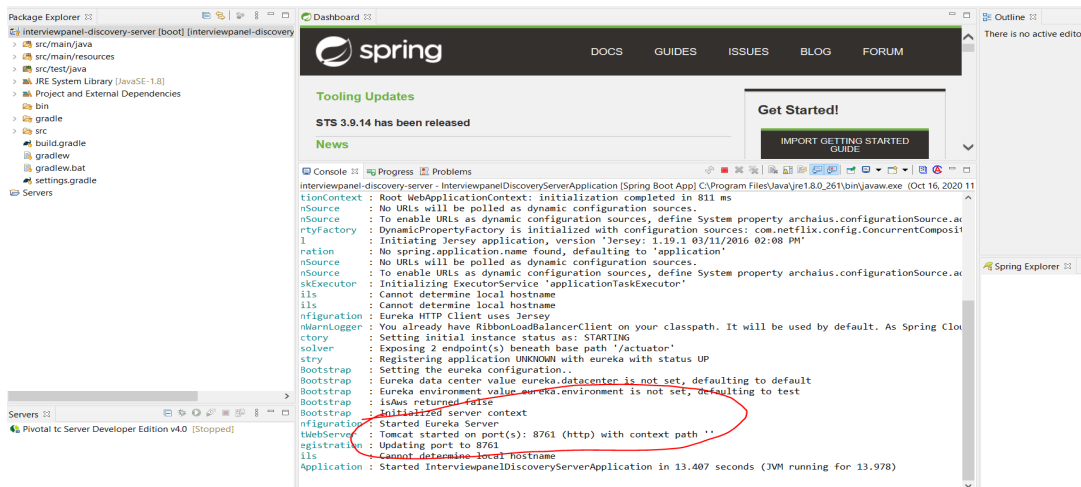
## STEP 8 > After success build you will see the screen



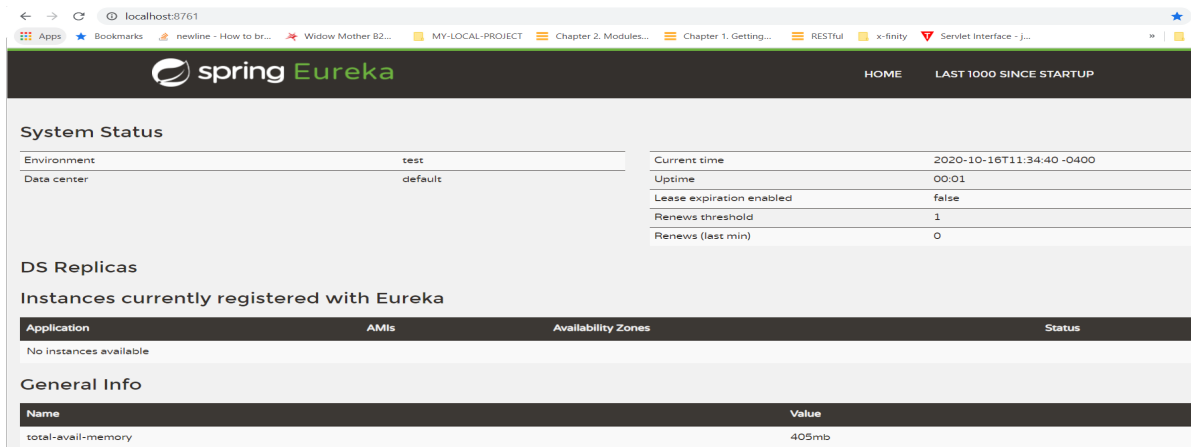
## STEP 9 > Rightclick on the project> Run As > Spring Boot App



> Eureka Server started successfully!



> Now you can access <http://localhost:8761/>

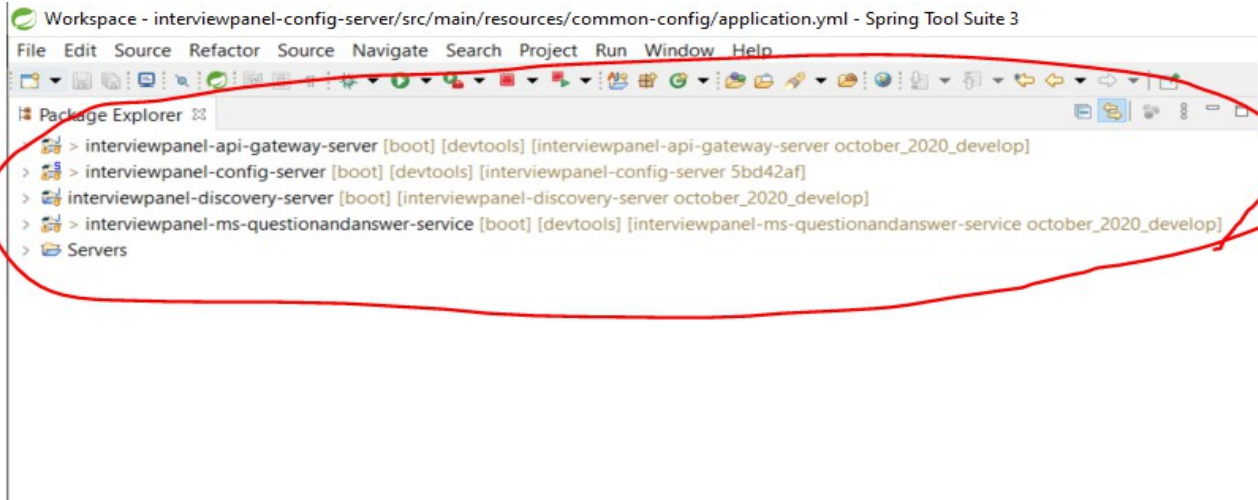


Follow the **above 9 steps** for other three services (Config, Gateway and Microservice) till Run them successful

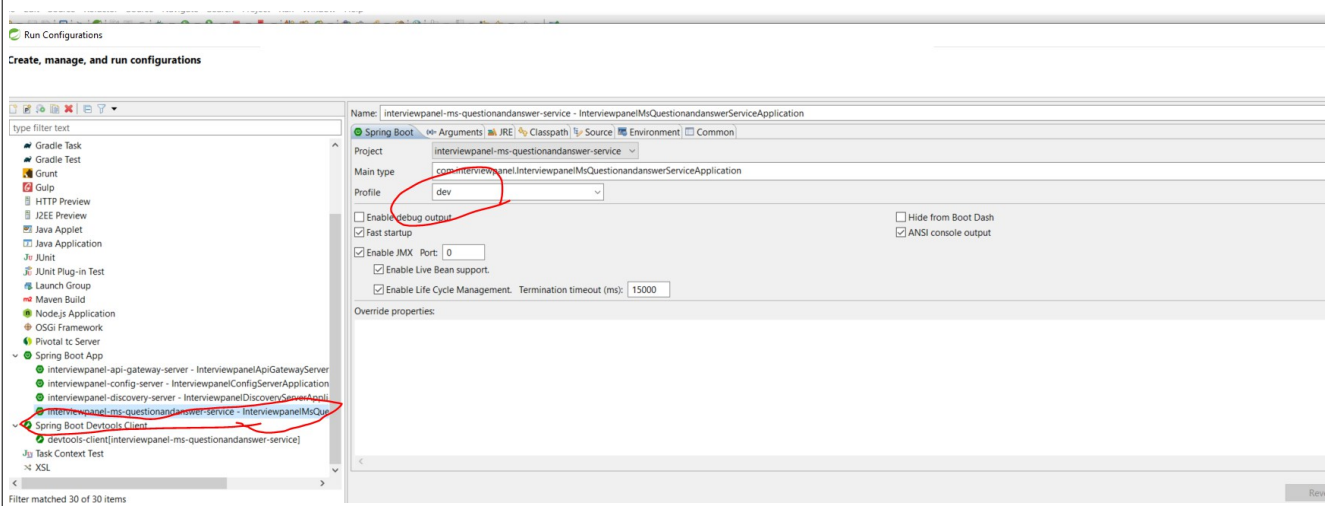
> **Must follow the this below steps**

- > First run Eureka server
- > Second run Config server
- > Third run Gateway-server
- > Fourth run Micro service – (interviewpanel-ms-qa-service)





**Run the interviewpanel-ms-questionandanswer-service by Profile based : below run the service by "dev"/"local"/"int"/"qa"/"prod" -profile**



> If all services are up and running then you will see the below screen in <http://localhost:8761/> Eureka server:

← → ↻ localhost:8761

Apps ★ Bookmarks newline - How to br... Widow Mother B2... MY-LOCAL-PROJECT Chapter 2. Modules... Chapter 1. Getting... RESTful x-finity Servlet Interface - j...

DS Replicas

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
CONFIG-SERVER	n/a (1)	(1)	UP (1) - localhost:config-server:8888
INTERVIEWPANEL-API-GATEWAY-SERVER	n/a (1)	(1)	UP (1) - localhost:interviewpanel-api-gateway-server:8080
INTERVIEWPANEL-MS-QUESTIONANDANSWER-SERVICE	n/a (1)	(1)	UP (1) - localhost:interviewpanel-ms-questionandanswer-service:8081

General Info

### Checking Backend service working by Restclient - POSTMAN

API Gateway URL : <http://localhost:8080/>

**First Signup the user** : <http://localhost:8080/api/signup>

Below is the sample Payload, Create with your email and password

**Payload:**

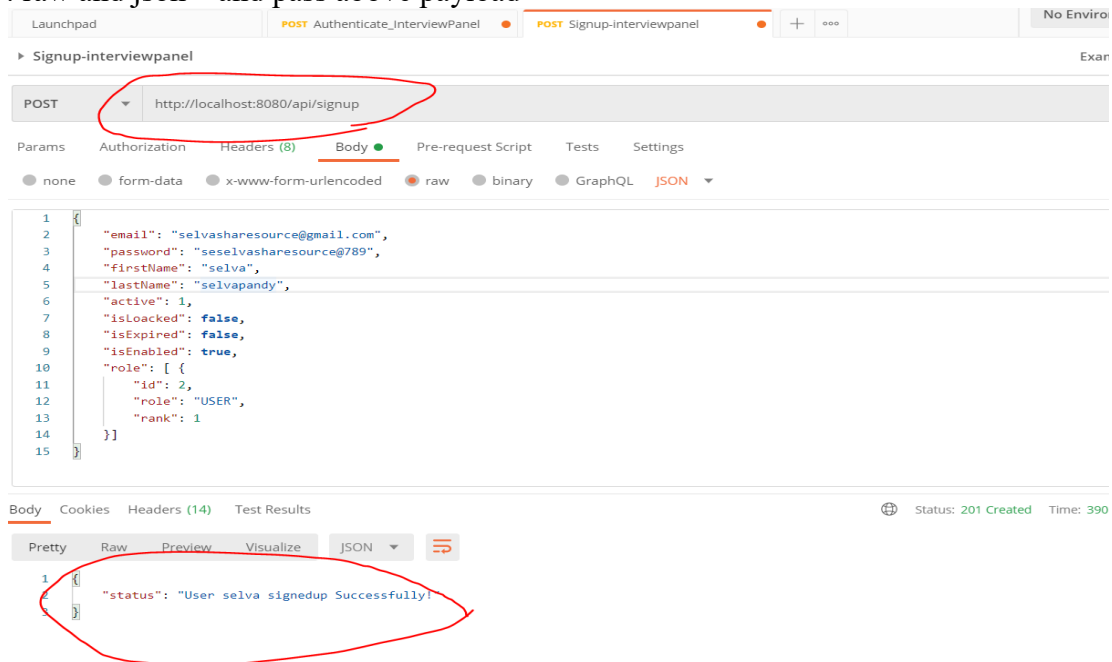
```
{  
  "email": "selvasharesource@gmail.com",  
  "password": "seselvasharesource@789",  
  "firstName": "selva",  
  "lastName": "selvapandy",  
  "active": 1,  
  "isLoacked": false,  
}
```

```

    "isExpired": false,
    "isEnabled": true,
    "role": [ {
      "id": 2,
      "role": "USER",
      "rank": 1
    } ]
  }
}

```

Choose : raw and json – and pass above payload

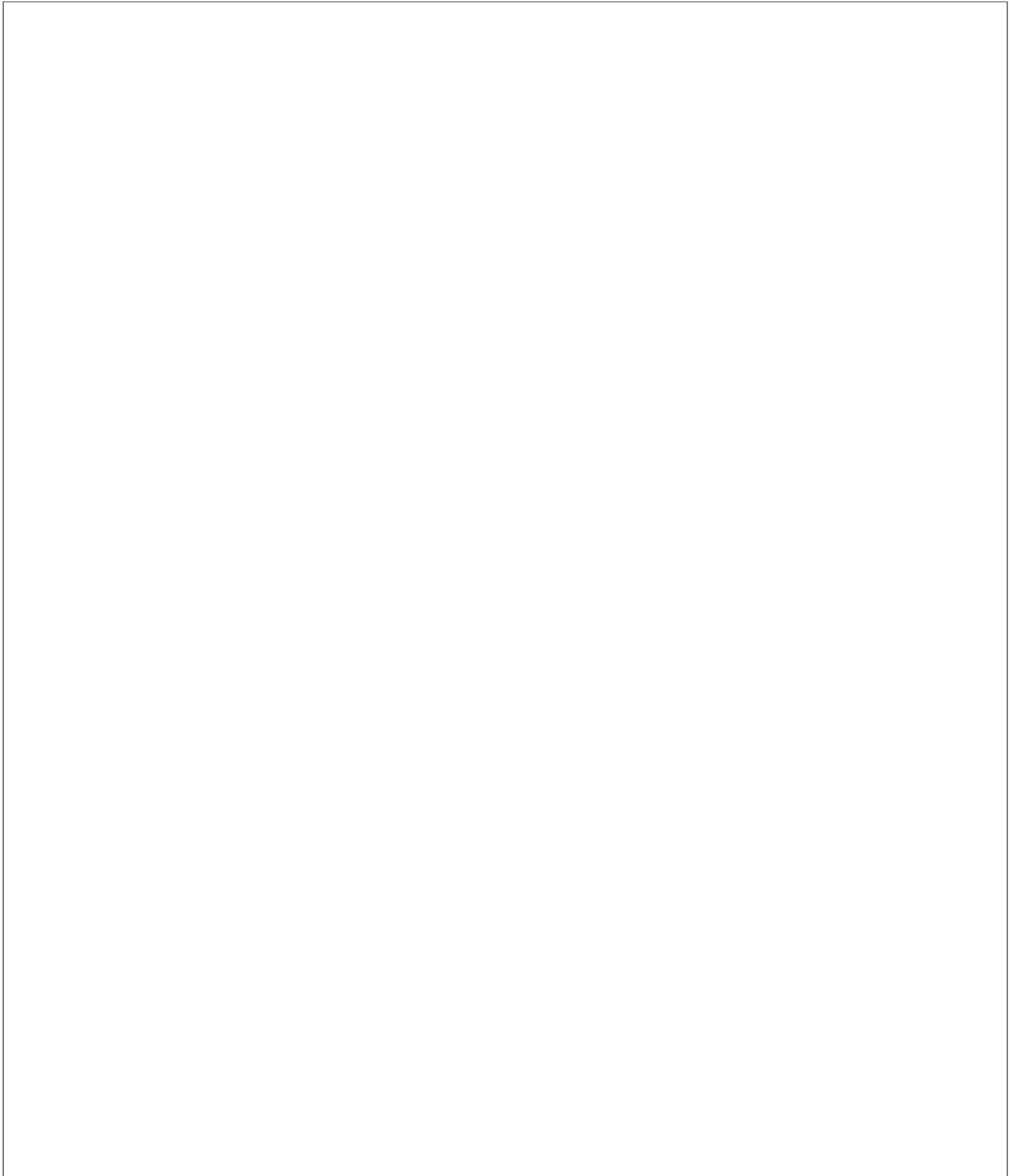


**Step 2 :** Call authenticate end point to get token: <http://localhost:8080/api/authenticate> with payload to call the Microservice

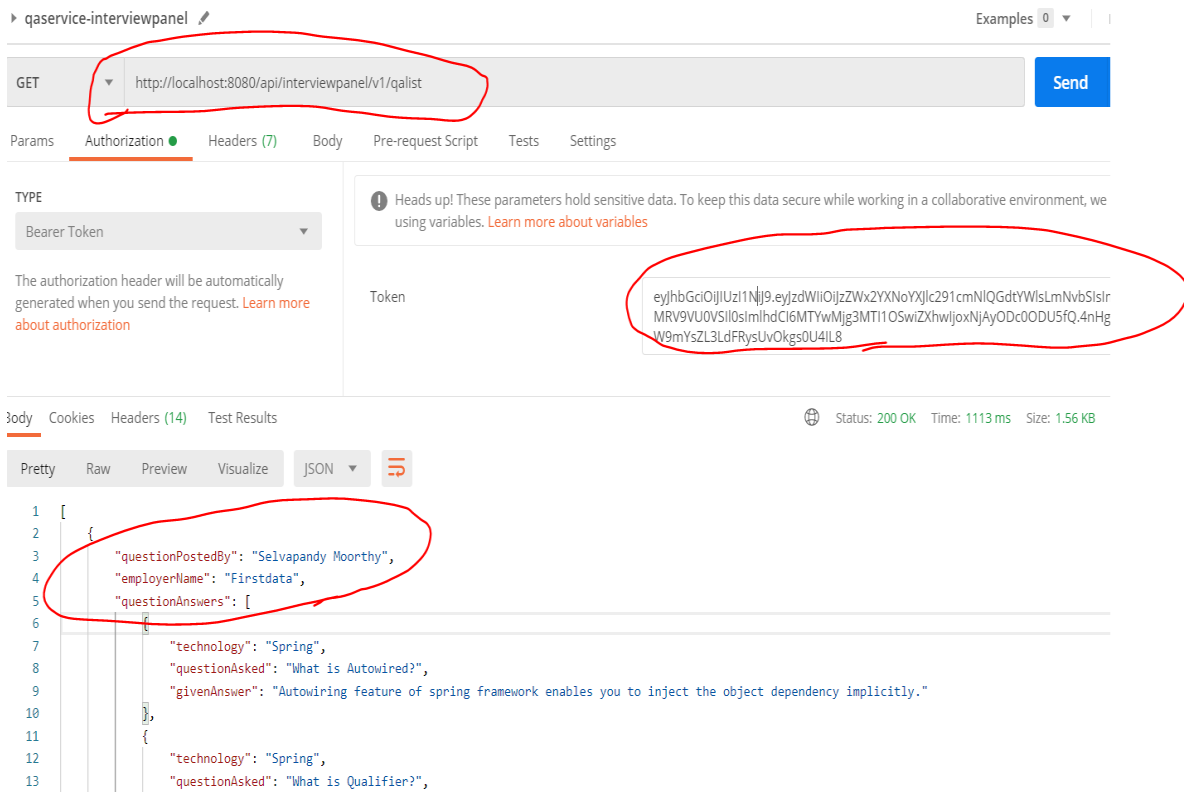
```

{
  "email": "selvasharesource@gmail.com",
  "password": "seselvasharesource@789"
}

```



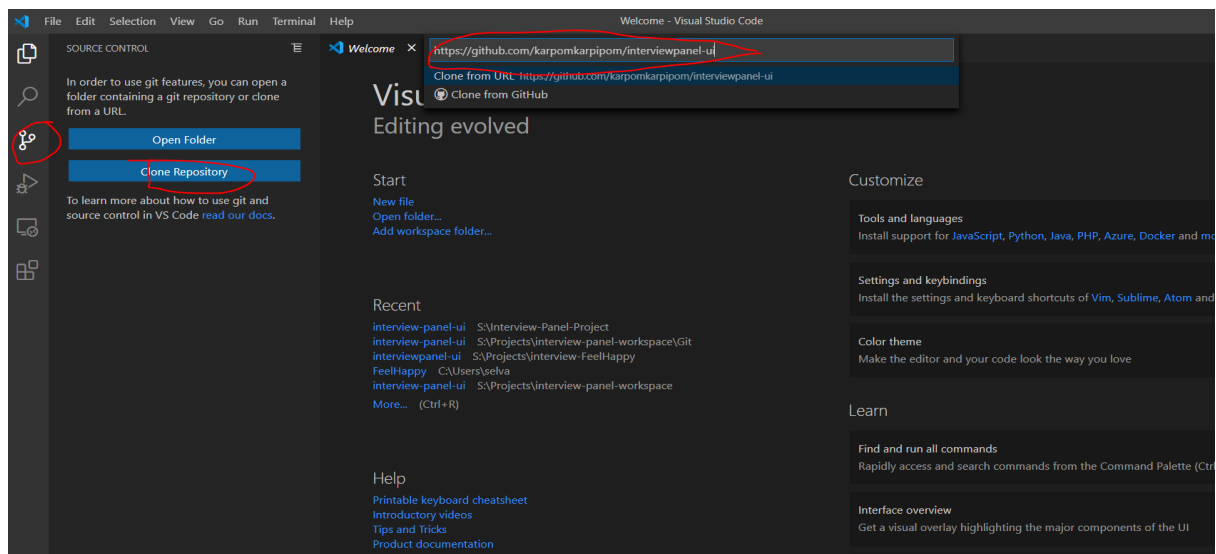




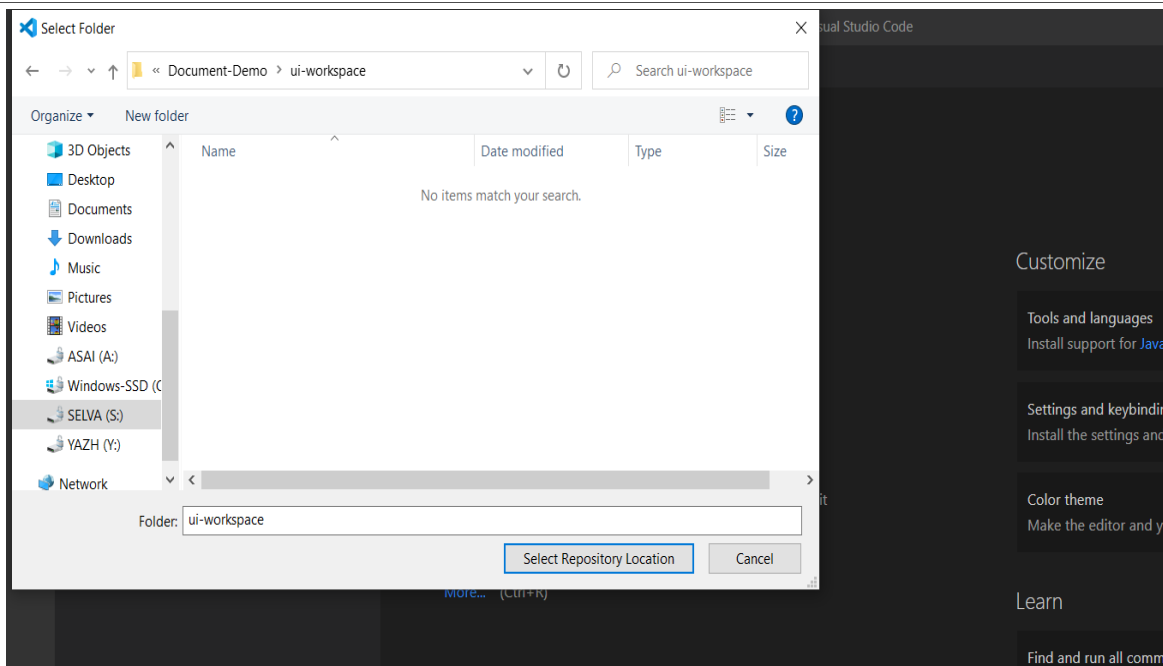
-----Backend Successful done!-----

## Frontend Setup :

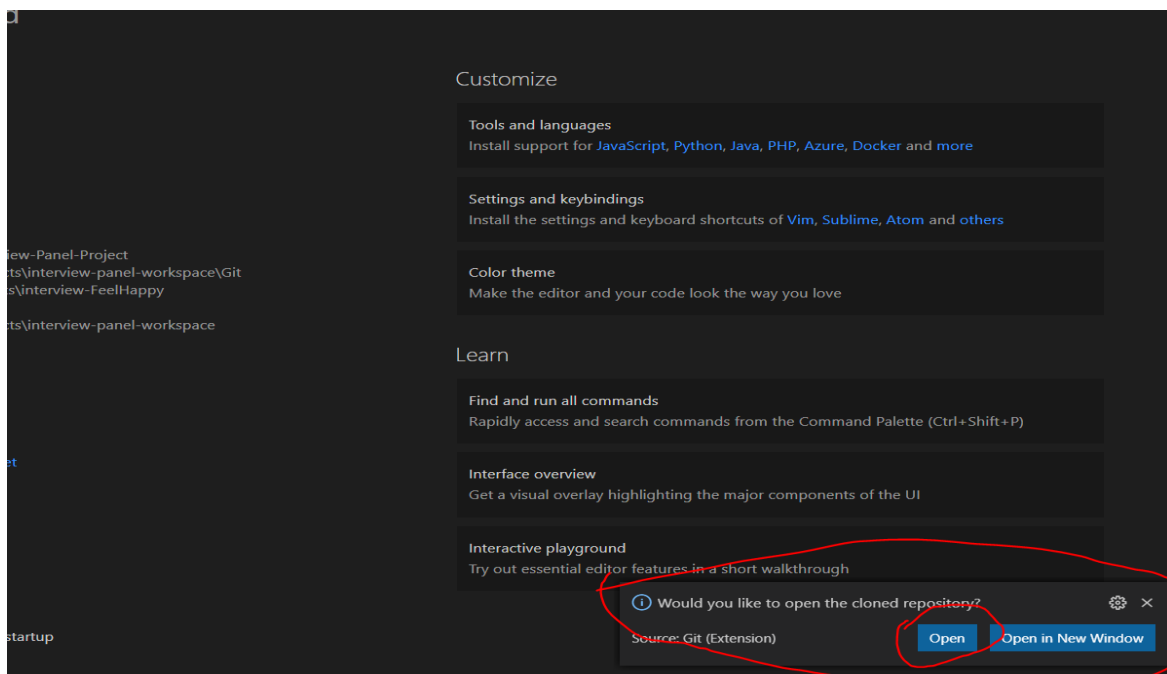
### Step 1> Visual Studio Code



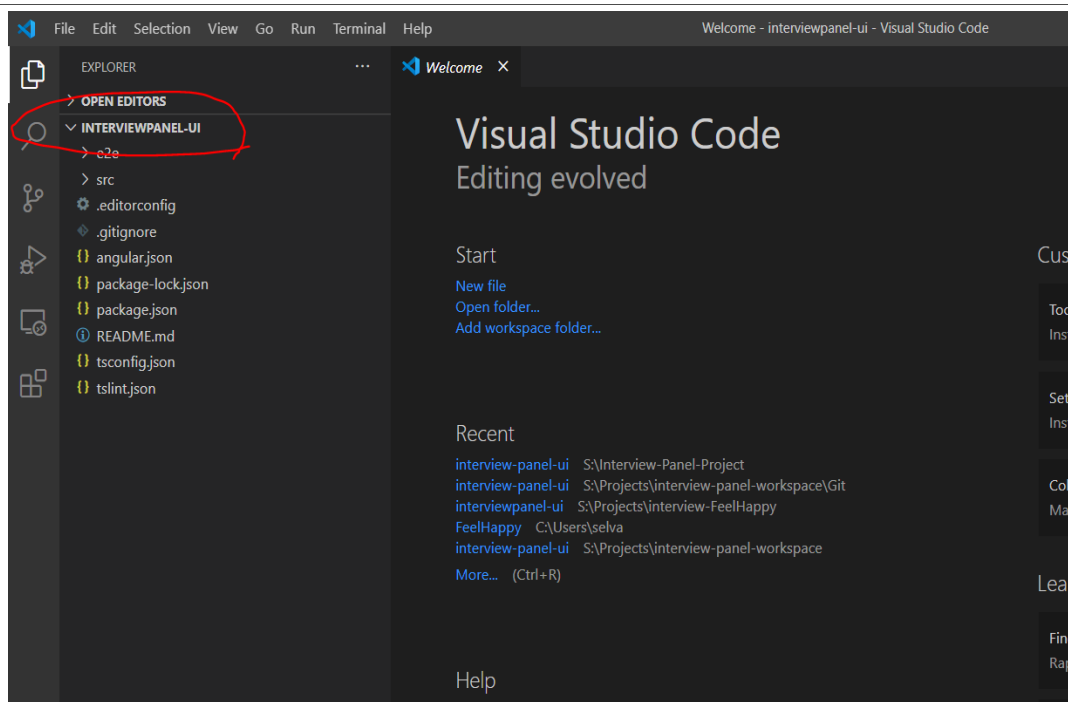
### Step 2 > select some local folder



Step 3 > Open

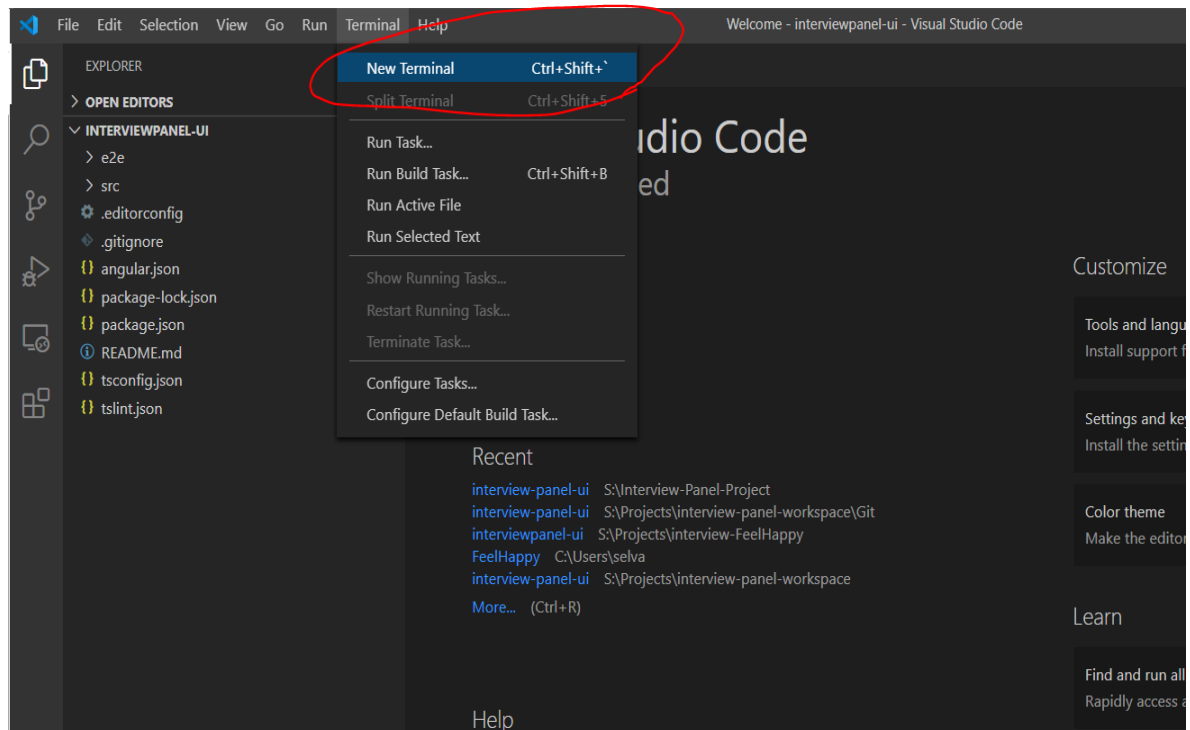


Step 3 > you can see the project structure

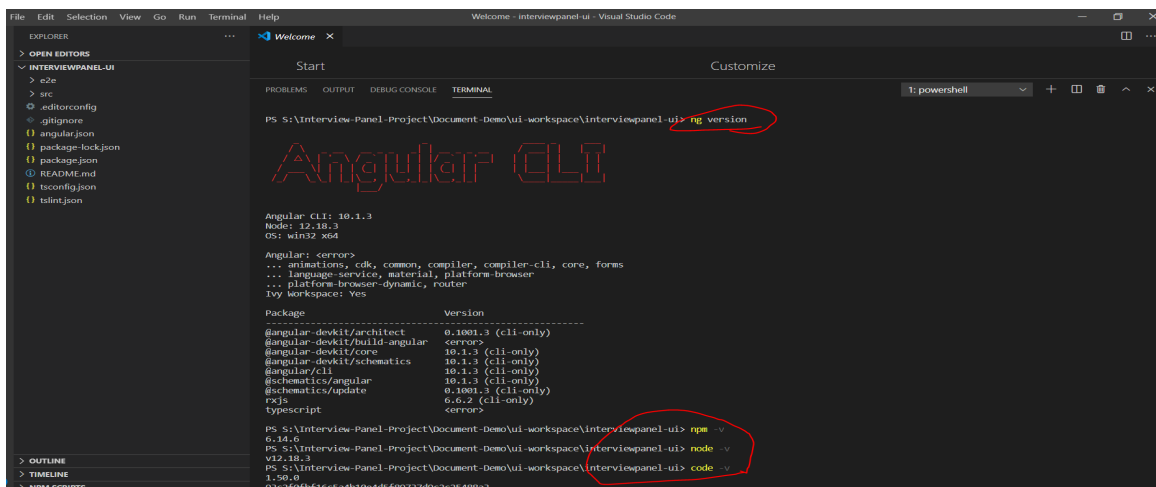


> Open new terminal

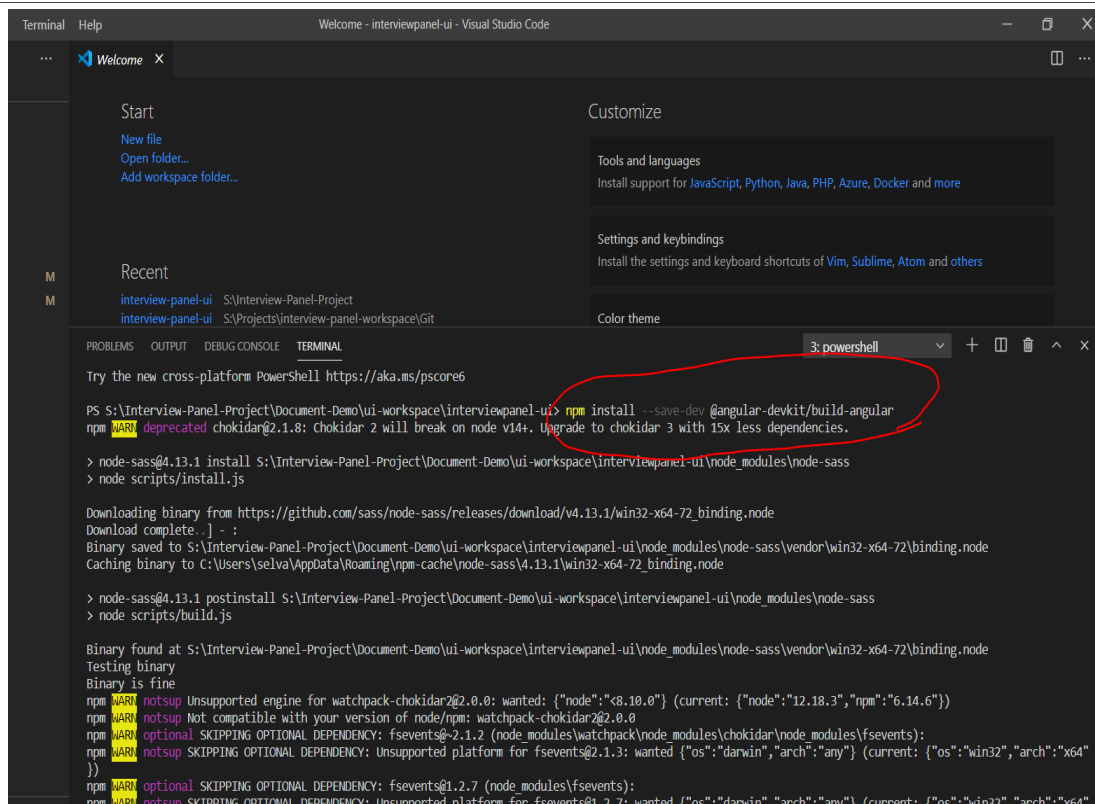




> Check all you have installed the version if not please follow the link [Angular 7.0 setup](#)



**Must run this command: `npm install --save-dev @angular-devkit/build-angular`**



```
Terminal Help Welcome - interviewpanel-ui - Visual Studio Code

Welcome X

Start
New file
Open folder...
Add workspace folder...

Recent
interview-panel-ui S:\Interview-Panel-Project
interview-panel-ui S:\Projects\interview-panel-workspace\Git

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 3: powershell
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS S:\Interview-Panel-Project\Document-Demo\ui-workspace\interviewpanel-ui> npm install --save-dev @angular-devkit/build-angular
npm WARN deprecated chokidar@2.1.8: Chokidar 2 will break on node v14+. Upgrade to chokidar 3 with 15x less dependencies.

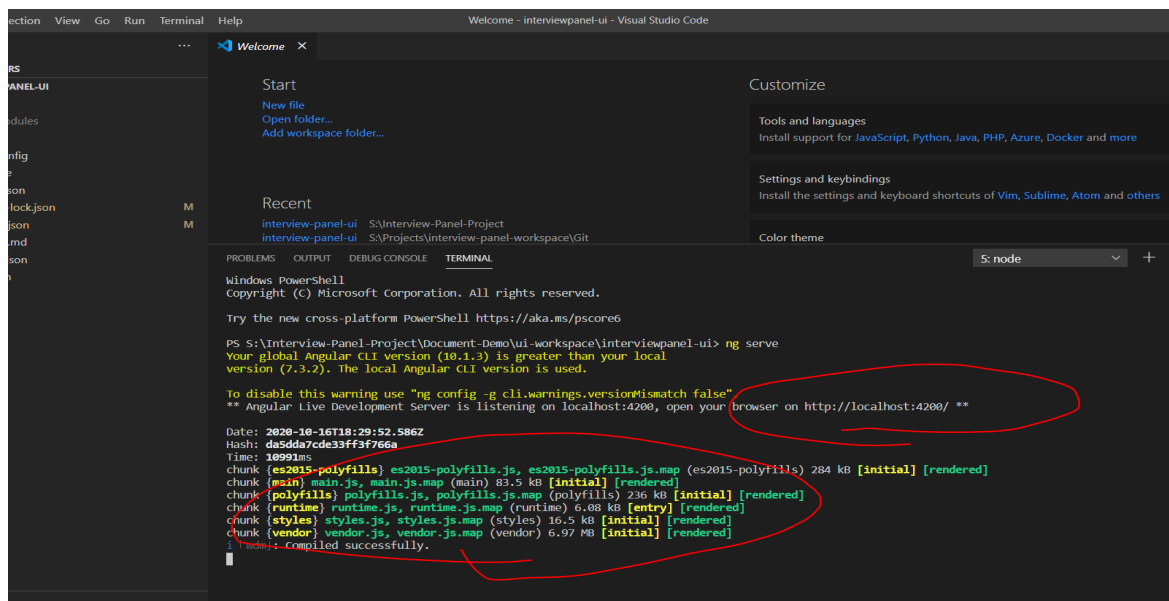
> node-sass@4.13.1 install S:\Interview-Panel-Project\Document-Demo\ui-workspace\interviewpanel-ui\node_modules\node-sass
> node scripts/install.js

Downloading binary from https://github.com/sass/node-sass/releases/download/v4.13.1/win32-x64-72_binding.node
Download complete.] - :
Binary saved to S:\Interview-Panel-Project\Document-Demo\ui-workspace\interviewpanel-ui\node_modules\node-sass\vendor\win32-x64-72\binding.node
Caching binary to C:\Users\selsva\AppData\Roaming\npm-cache\node-sass\4.13.1\win32-x64-72_binding.node

> node-sass@4.13.1 postinstall S:\Interview-Panel-Project\Document-Demo\ui-workspace\interviewpanel-ui\node_modules\node-sass
> node scripts/build.js

Binary found at S:\Interview-Panel-Project\Document-Demo\ui-workspace\interviewpanel-ui\node_modules\node-sass\vendor\win32-x64-72\binding.node
Testing binary
Binary is fine
npm WARN notsup Unsupported engine for watchpack-chokidar2@2.0.0: wanted {"node": "<8.10.0"} (current: {"node": "12.18.3", "npm": "6.14.6"})
npm WARN notsup Not compatible with your version of node/npm: watchpack-chokidar2@2.0.0
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.1.2 (node_modules\watchpack\node_modules\chokidar\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.1.3: wanted {"os": "darwin", "arch": "any"} (current: {"os": "win32", "arch": "x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.7 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.7: wanted {"os": "darwin", "arch": "any"} (current: {"os": "win32", "arch": "x64"})
```

> Compiled and Run Successfully in 4200 port : <http://localhost:4200/>



```
File Explorer View Go Run Terminal Help Welcome - interviewpanel-ui - Visual Studio Code

Welcome X

Start
New file
Open folder...
Add workspace folder...

Recent
interview-panel-ui S:\Interview-Panel-Project
interview-panel-ui S:\Projects\interview-panel-workspace\Git

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 5: node
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS S:\Interview-Panel-Project\Document-Demo\ui-workspace\interviewpanel-ui> ng serve
Your global Angular CLI version (10.1.3) is greater than your local
version (7.3.2). The local Angular CLI version is used.

To disable this warning use "ng config -g cli.warnings.versionMismatch false"
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **

Date: 2020-10-16T18:29:52.586Z
Hash: da5dda7cde33ff3f766a
Time: 10991ms
chunk (es2015-polyfills) es2015-polyfills.js, es2015-polyfills.js.map (es2015-polyfills) 284 kB [initial] [rendered]
chunk (main) main.js, main.js.map (main) 83.5 kB [initial] [rendered]
chunk (polyfills) polyfills.js, polyfills.js.map (polyfills) 236 kB [initial] [rendered]
chunk (runtime) runtime.js, runtime.js.map (runtime) 6.08 kB [entry] [rendered]
chunk (styles) styles.js, styles.js.map (styles) 16.5 kB [initial] [rendered]
chunk (vendor) vendor.js, vendor.js.map (vendor) 6.97 MB [initial] [rendered]
i 10/16/2020 6:29:52 PM Compiled successfully.
```

Application run successfully:

Interview Panel Login Signup

### Sign In

Email:

Password:

SignIn

Signup : with new user

Interview Panel Login Signup

### Signup

First Name:

Last Name:

Email:

Password:

Confirm Password:

Register

SignIn:

Interview-Panel x +

localhost:4200/login

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**INTERVIEW PANEL** Login Signup

## Sign In

Email:

Password:

**SignIn**

## Successfull page:

Interview-Panel

localhost:4200

Apps Bookmarks newline - How to br... Widow Mother B2... MY-LOCAL-PROJECT Chapter 2. Modules... Chapter 1. Getting... RESTful x-finity Servlet Interface - j... Other bookma

INTERVIEW PANEL

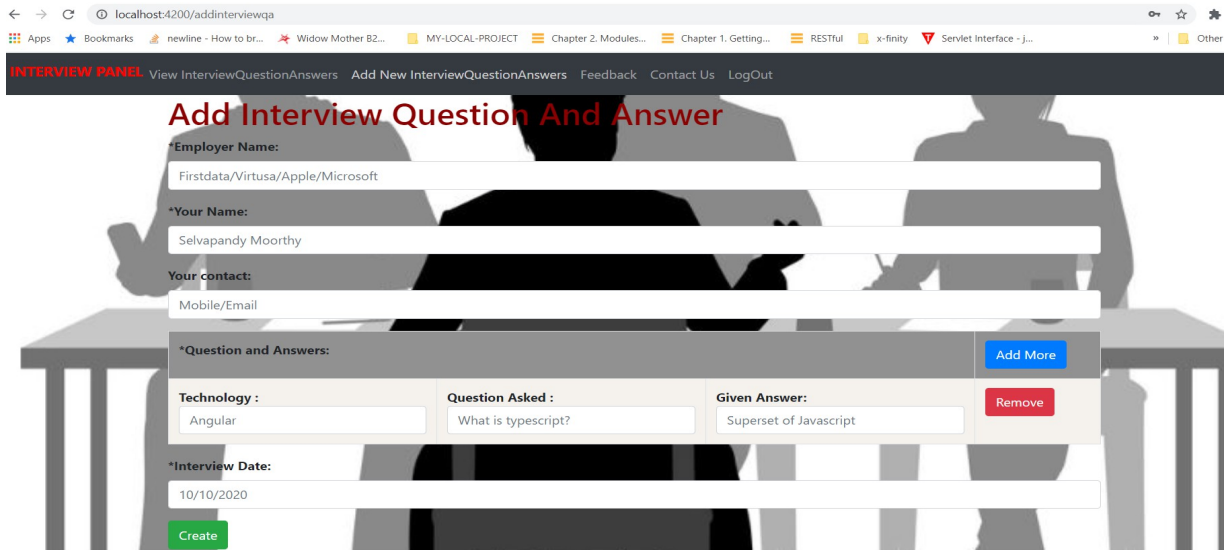
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Filter

Employer Name	Question And Answers			QuestionPosted By	Interview Date
Firstdata	Technology	Question Asked	Given Answer	Selvapandy Moorthy	10/10/2020
	Spring	What is Autowired?	Autowiring feature of spring framework enables you to inject the object dependency implicitly.		
	Spring	What is Qualifier?	The @Qualifier annotation is used to resolve the autowiring conflict, when there are multiple beans of same type.		
	Angular	What is Typescript?	Superset of javascript		
Apple	Technology	Question Asked	Given Answer	Paul	10/10/2020
	Node JS	What is NodeJS	NodeJS UI development		
	Microservice	What is Mircoservice?	Microservice granular service		
Microsoft	Technology	Question Asked	Given Answer	Selvapandy Moorthy	10/10/2020
	Java	java is	java		
	networking	what is ccna	ccna		

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## Add Interview Question and Answer Page:



localhost:4200/addinterviewqa

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INTERVIEW PANEL View InterviewQuestionAnswers Add New InterviewQuestionAnswers Feedback Contact Us LogOut

### Add Interview Question And Answer

\*Employer Name:  
Firstdata/Virtusa/Apple/Microsoft

\*Your Name:  
Selvapandy Moorthy

Your contact:  
Mobile/Email

\*Question and Answers:

Technology :	Question Asked :	Given Answer:	
Angular	What is typescript?	Superset of Javascript	<a href="#">Add More</a> <a href="#">Remove</a>

\*Interview Date:  
10/10/2020

[Create](#)

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