this is an REST API for Campaign information (JAVA,Springboot)

How to Setup API Project:

For Company API:

1-   Use Eclipse or intellij IDE

2-   Make sure u are using JDK 8 version in your computer, if not then download it

3-   Open project via chosen IDE (intellij recommended)

4-   Wait for dependencies files to be installed (press "import changes" in bottom right screen inIDE) .
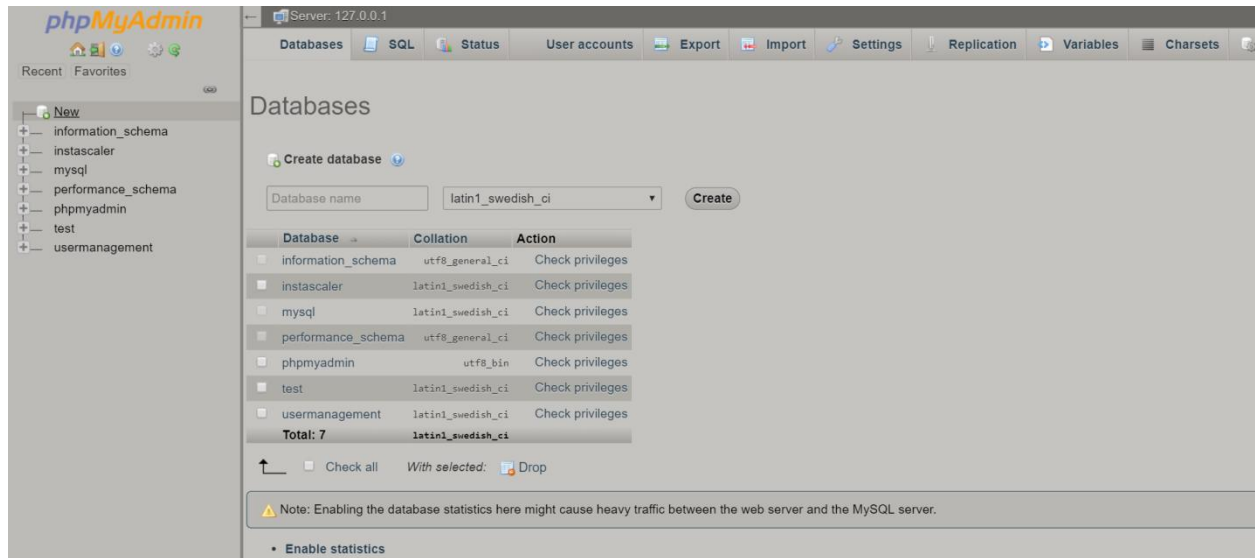
5- install Xampp and open Apache and SQL
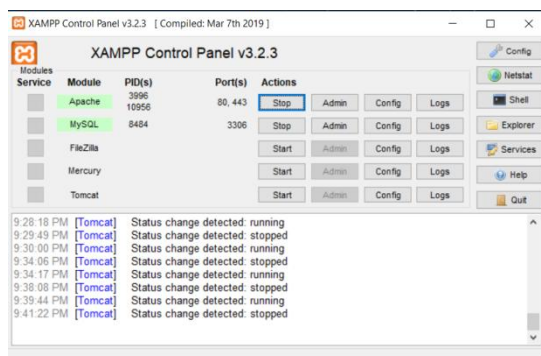
6- open your browser and type "Xampp" you will be directed to the website choose "PHPMyAdmin" int the top left

**7- you will be directed to your local host server , create new database called intasaler**

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NOTE:

- you have to make sure that no other processes use port number 8080

- open your command line in PC as an administrator

- run "netstat -ano | findstr :yourPortNumber" command

      Ex: netstat -ano | findstr :8080

- if the response was empty then no processes use this port

- if any , use "taskkill /PID typeyourPIDhere /F" and the process id which is shown to u in your terminal.

      > typeyourPIDhere: process using the port

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8-   Run project as follows:

-      Open InstaScalar file and Click right on it.

-      Choose "run InstaScalar".
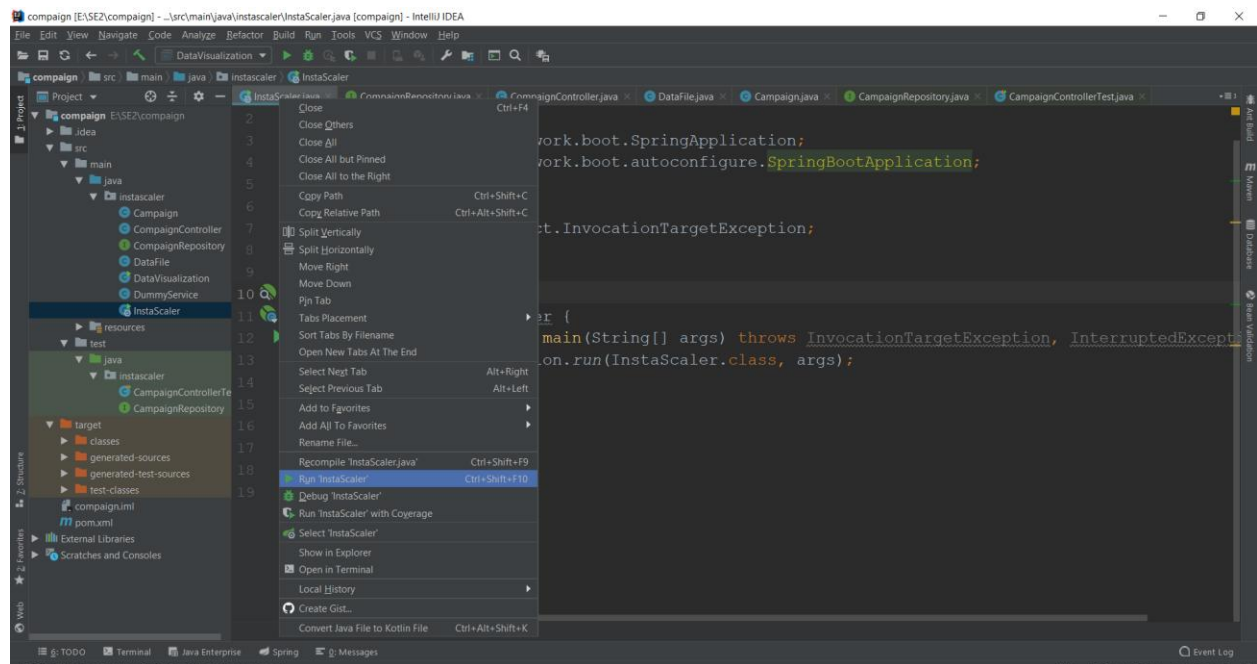
8-   After Running the project go to Postman to Make your requests

Requests

- If you want to "ADD" a Campaign use this URL
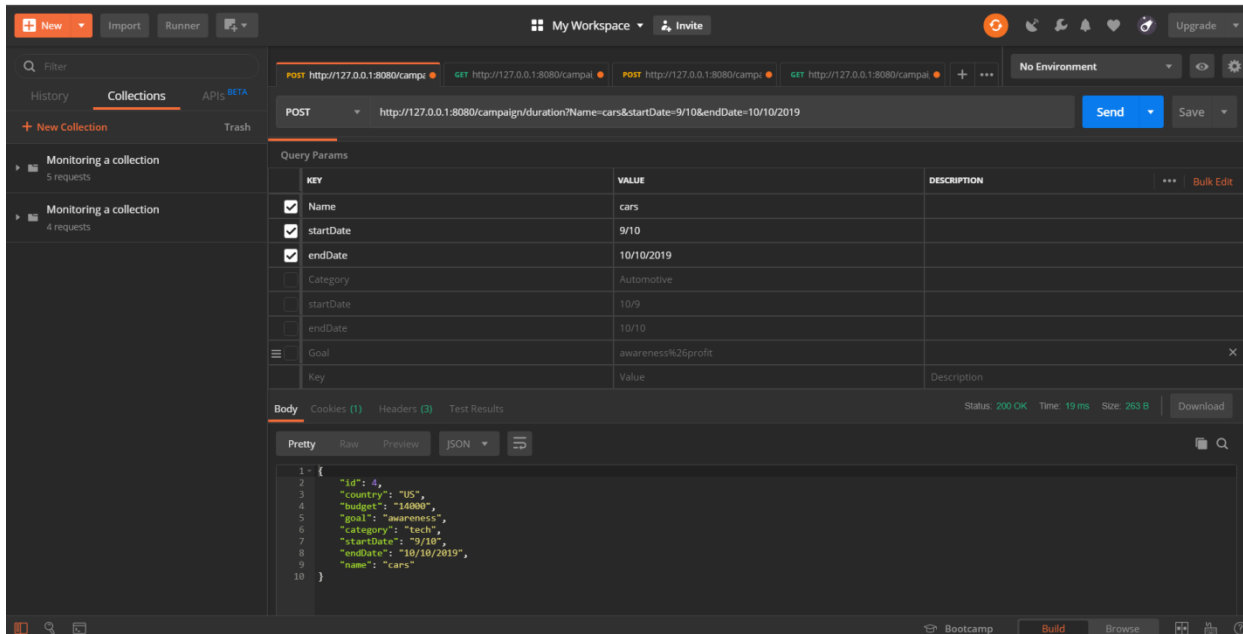 - URL:http://127.0.0.1:8080/campaign/add
  - Request verb: POST
    - Add your data in param field as shown and you will get the query executed in SQL

- If you want to "ADD Duration" a Campaign use this URL

   URL:http://127.0.0.1:8080/campaign/duration

   Request verb: POST
   - Add your data in param field as shown and you will get the query executed in SQL

- If you want to "GROUP data" by Category and Count use this URL
   o URL:http://127.0.0.1:8080/campaign/group
   o Request verb: GET
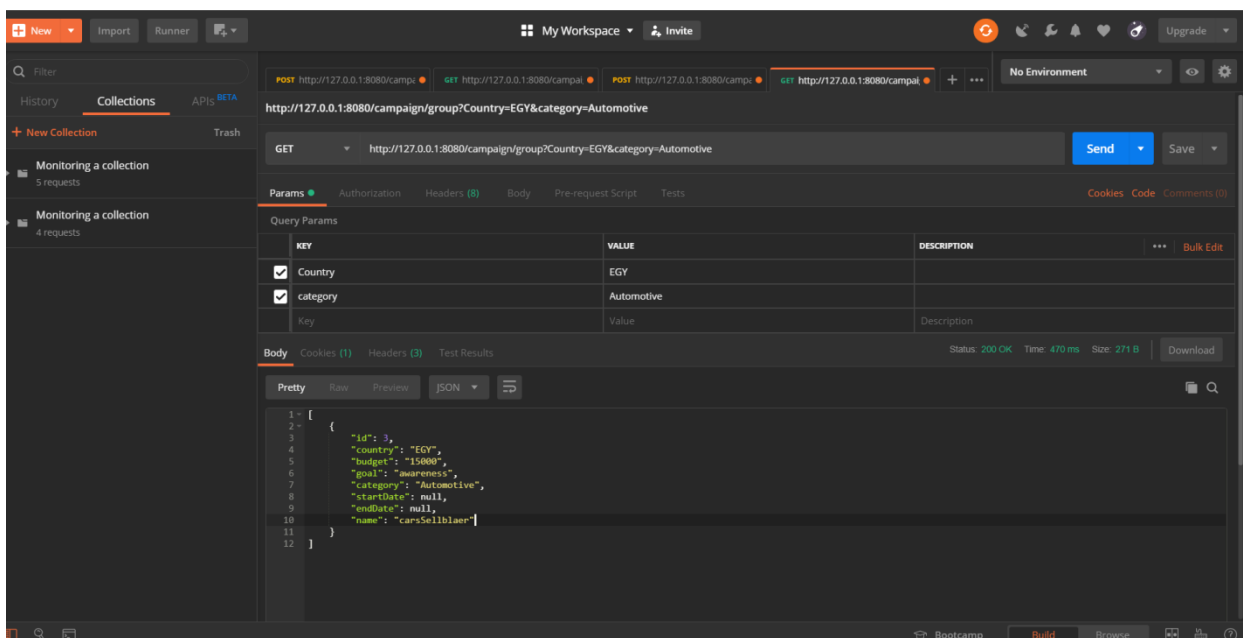
- If you want to "Get ALL" in database use this URL
  - URL:http://127.0.0.1:8080/campaign/all
  - Request verb: GET
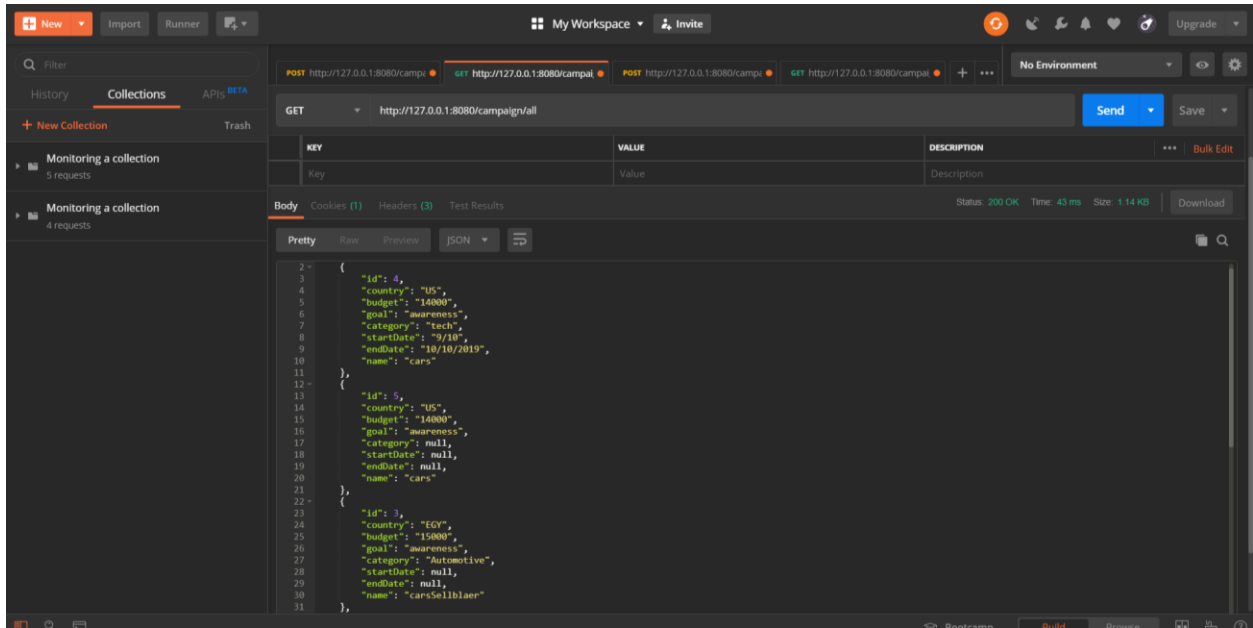
Note :

- if you didn't provide Category it's ok it will be automatically created by dummy service as shown.
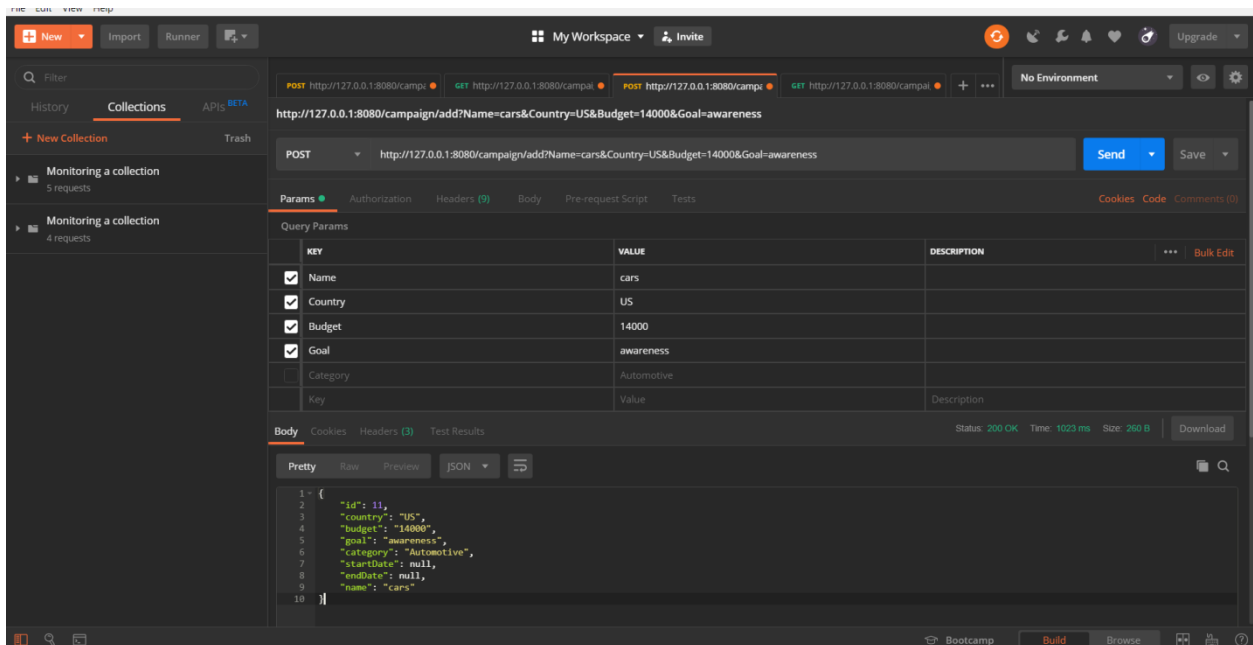
- be careful and write name of parameters as it is in lower or upper case letter as shown in the pictures or you will get that the variable not present respond.

10- After adding the data go and run "**DataVisualization**" class independently from instaScalar class and the bar chart will be drawn of data you entered.

11- this project include Junit test for CampaignController class