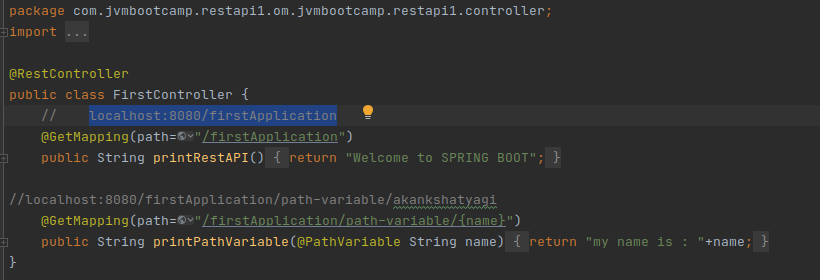
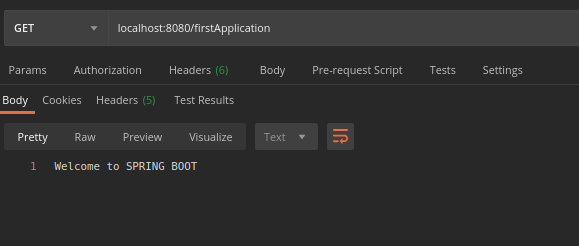
REst API in SpringBoot

**->Create a simple RESTful service in Spring Boot which returns the Response "Welcome to spring boot".**

**--** <http://localhost:8080/firstApplication>

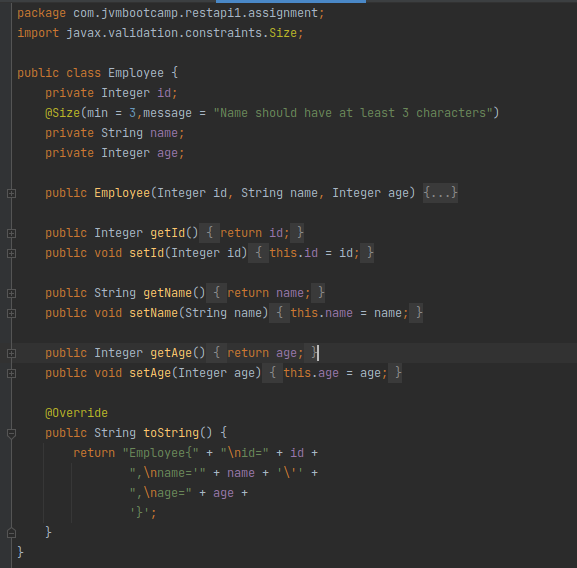


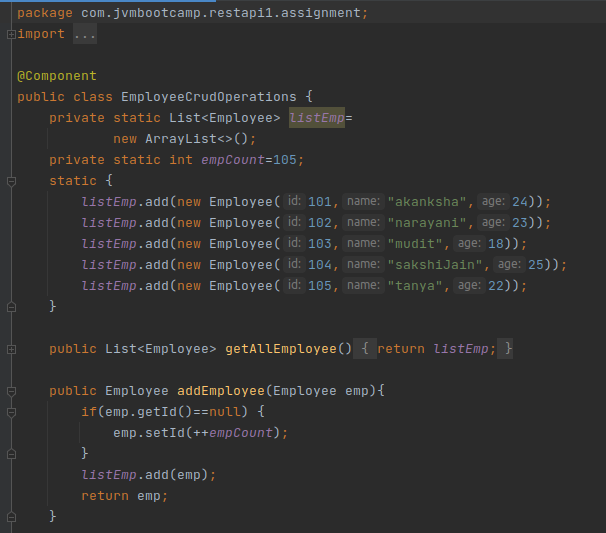
Output :

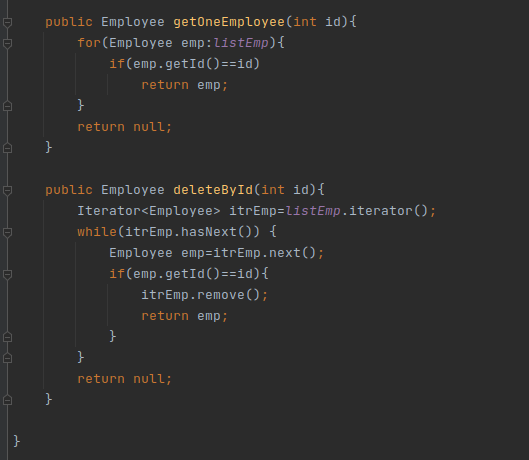
****

**->Create an Employee Bean(id, name, age) and service to perform different operations related to the employee.**

Employee.java



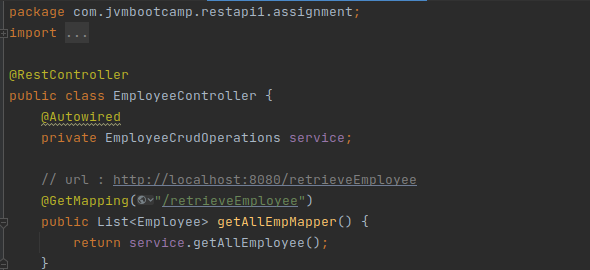
EmployeeDAO/EmployeeCrudoperations.java :

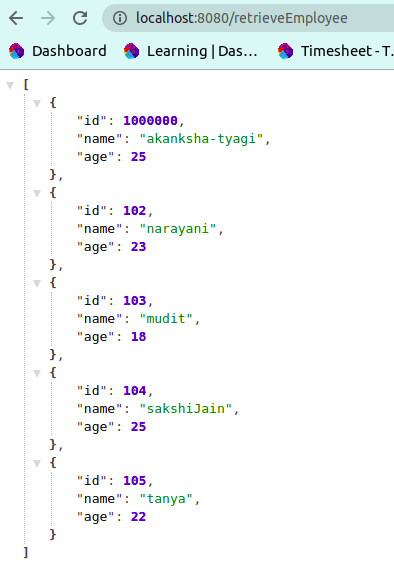


**-> Implement GET http request for Employee to get a list of employees.**

EmployeeController.java

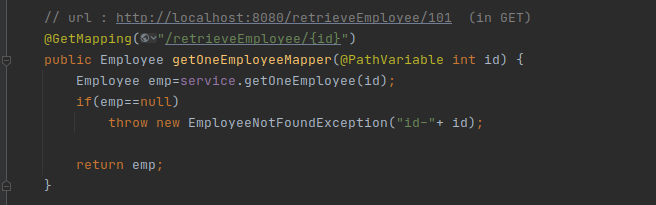
-- <http://localhost:8080/retrieveEmployee>

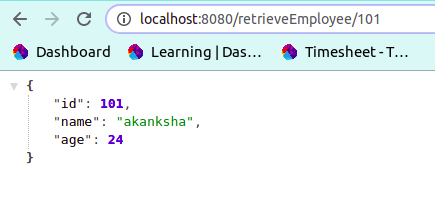
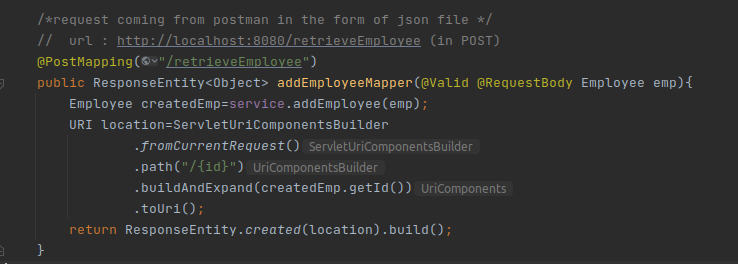


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**->Implement GET http request using path variable top get one employee:**

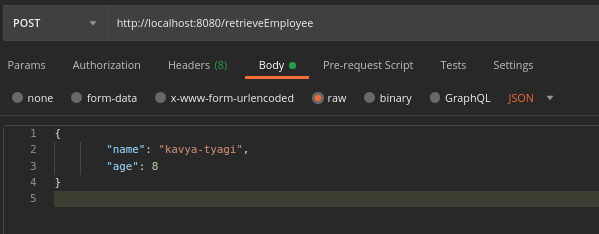
<http://localhost:8080/retrieveEmployee/101>

****

**Output: **

**->Implement POST http request for Employee to create a new employee.**

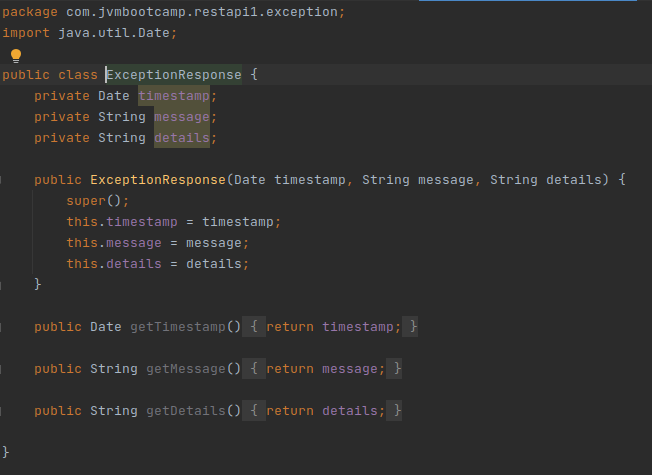
<http://localhost:8080/retrieveEmployee> (in Post method)

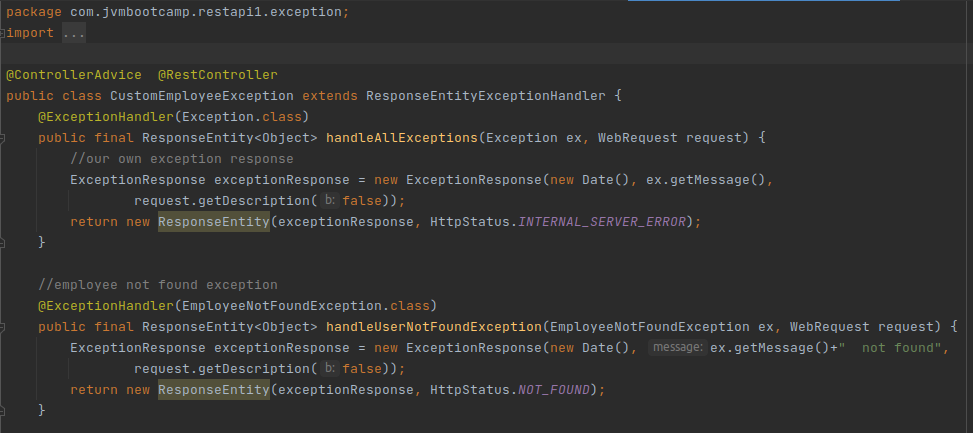
****

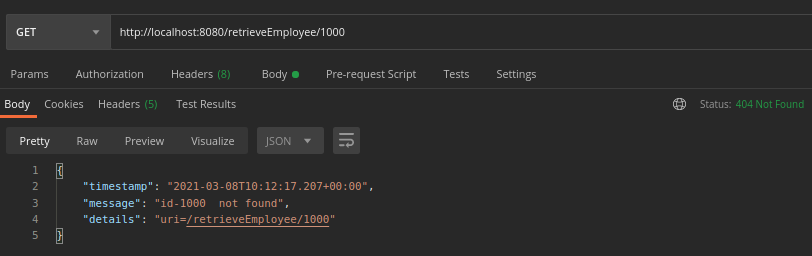
****

**->Implement Exception Handling for resource not found**

-- <http://localhost:8080/retrieveEmployee/10000>

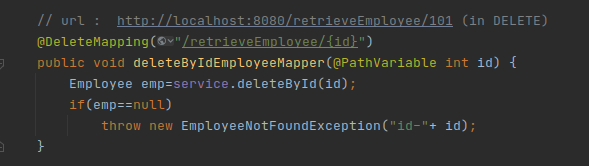
****

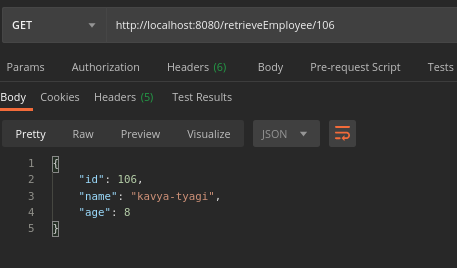
****

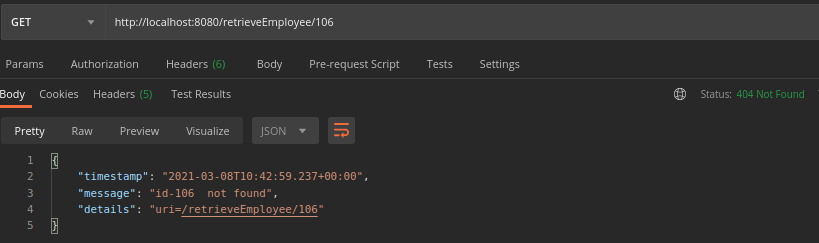
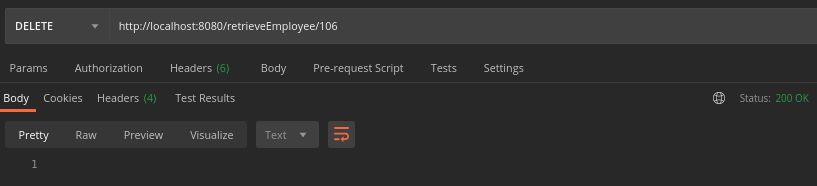
**output:**

**->Implement DELETE http request for Employee to delete employee**

-- <http://localhost:8080/retrieveEmployee/101> (in delete method)

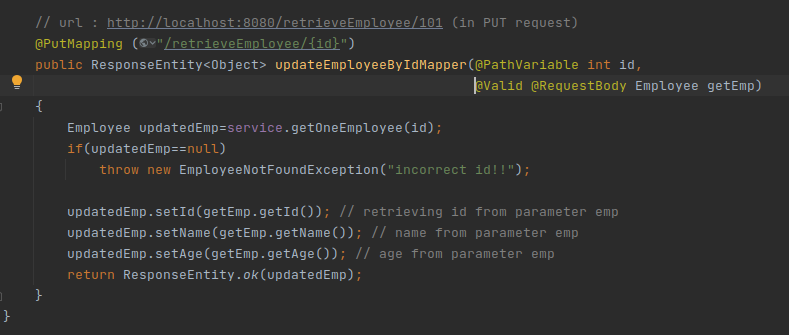
****

**Output:** 



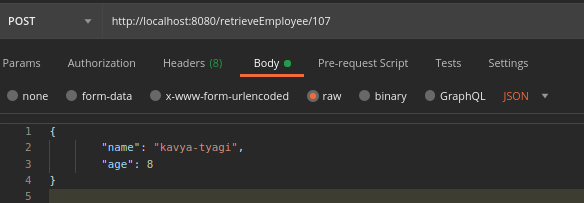
**->Implement PUT http request for Employee to update employee**

-- <http://localhost:8080/retrieveEmployee/101> (in put method)

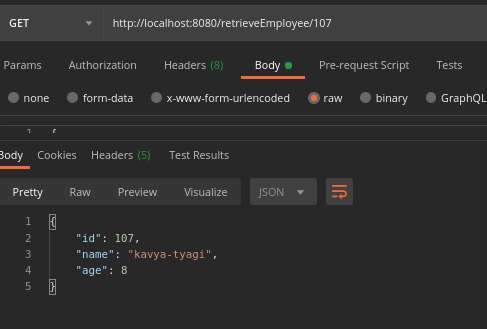
****

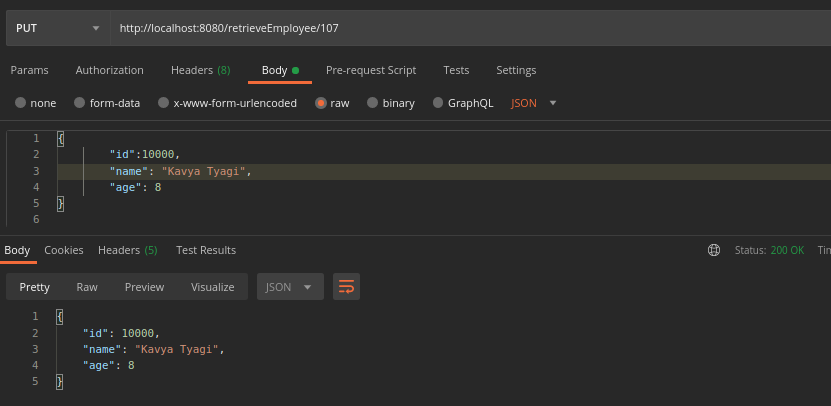
**Output:**

**Creating employee:**

****

**getting employee:**

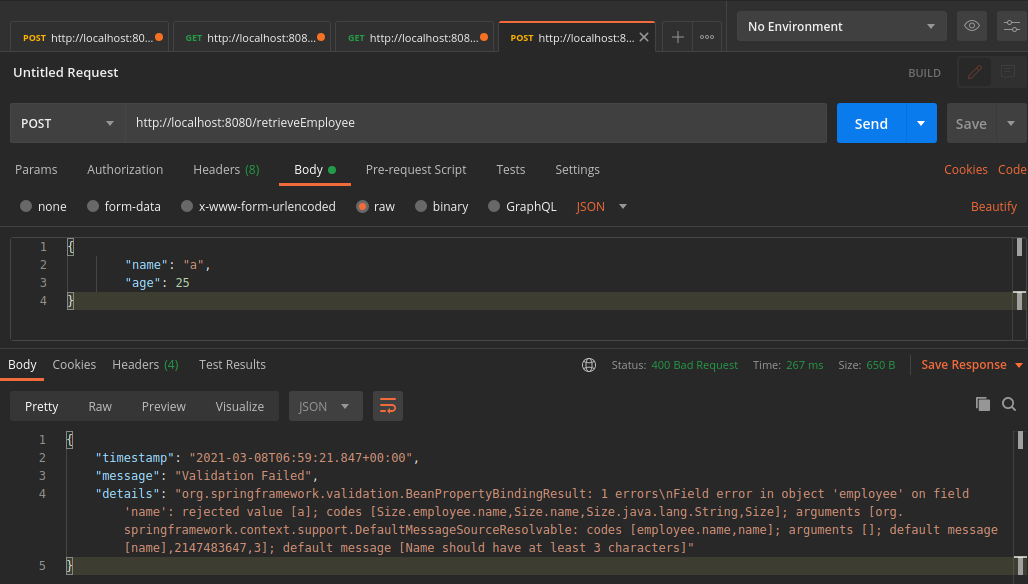
****

**updating employee:**

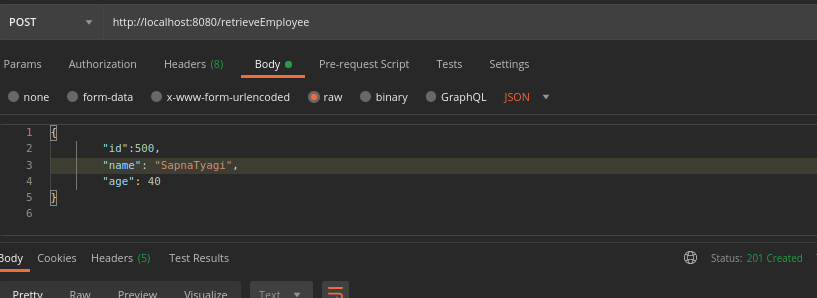
**->Apply validation while create a new employee using POST http Request.**

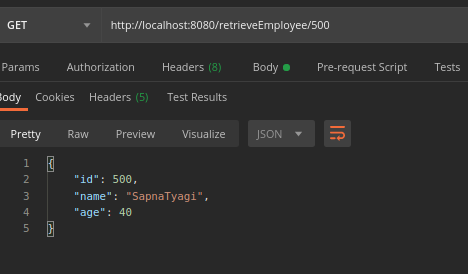
-- <http://localhost:8080/retrieveEmployee> (in post method)

--Validation fails

****

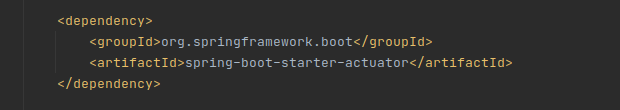
--Validation passes:

****

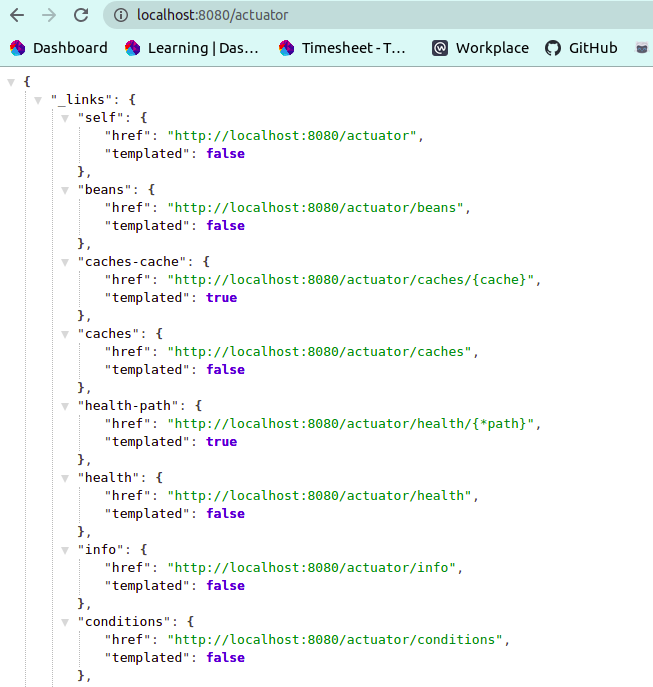
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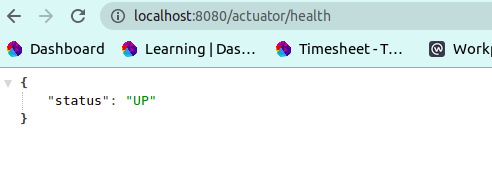
**->Configure actuator in your project to check the health of application and get the information about various beans configured in your application.**

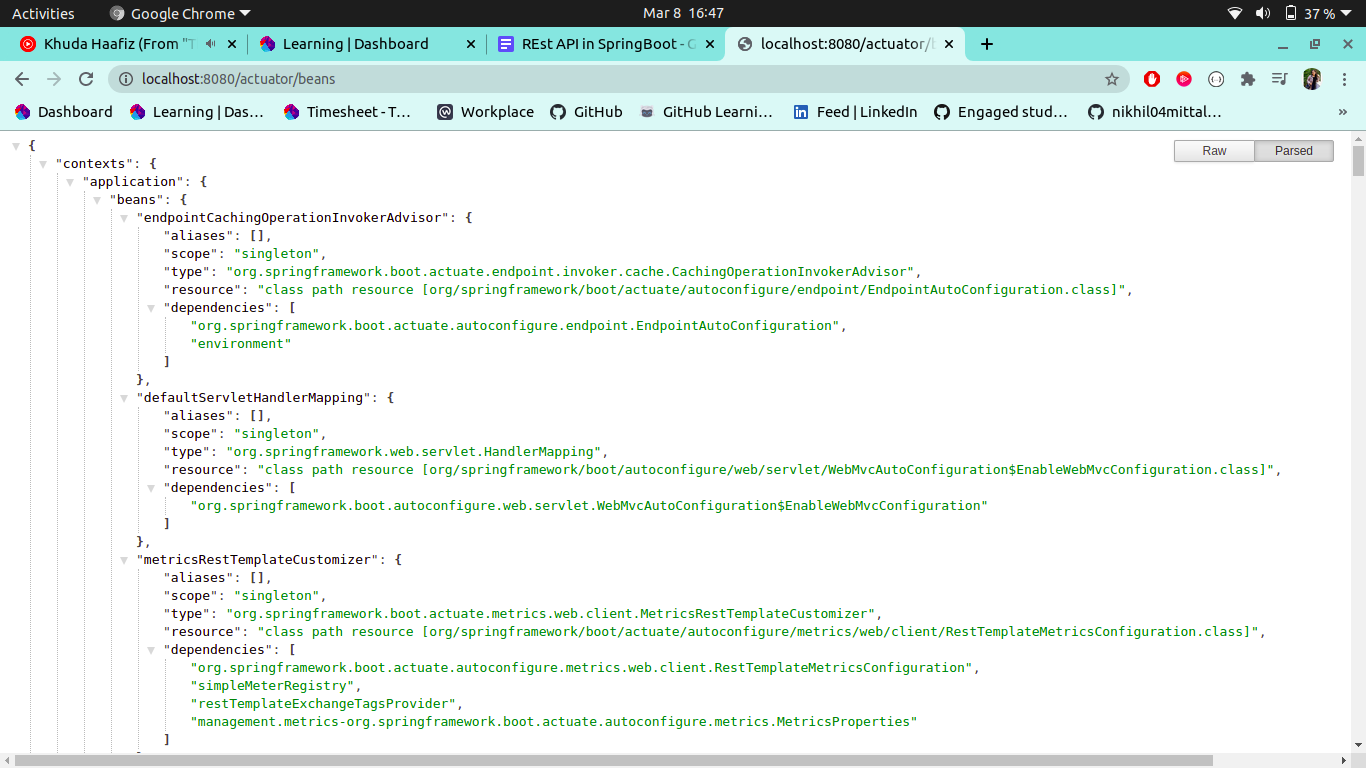
Added dependency in pom.xml

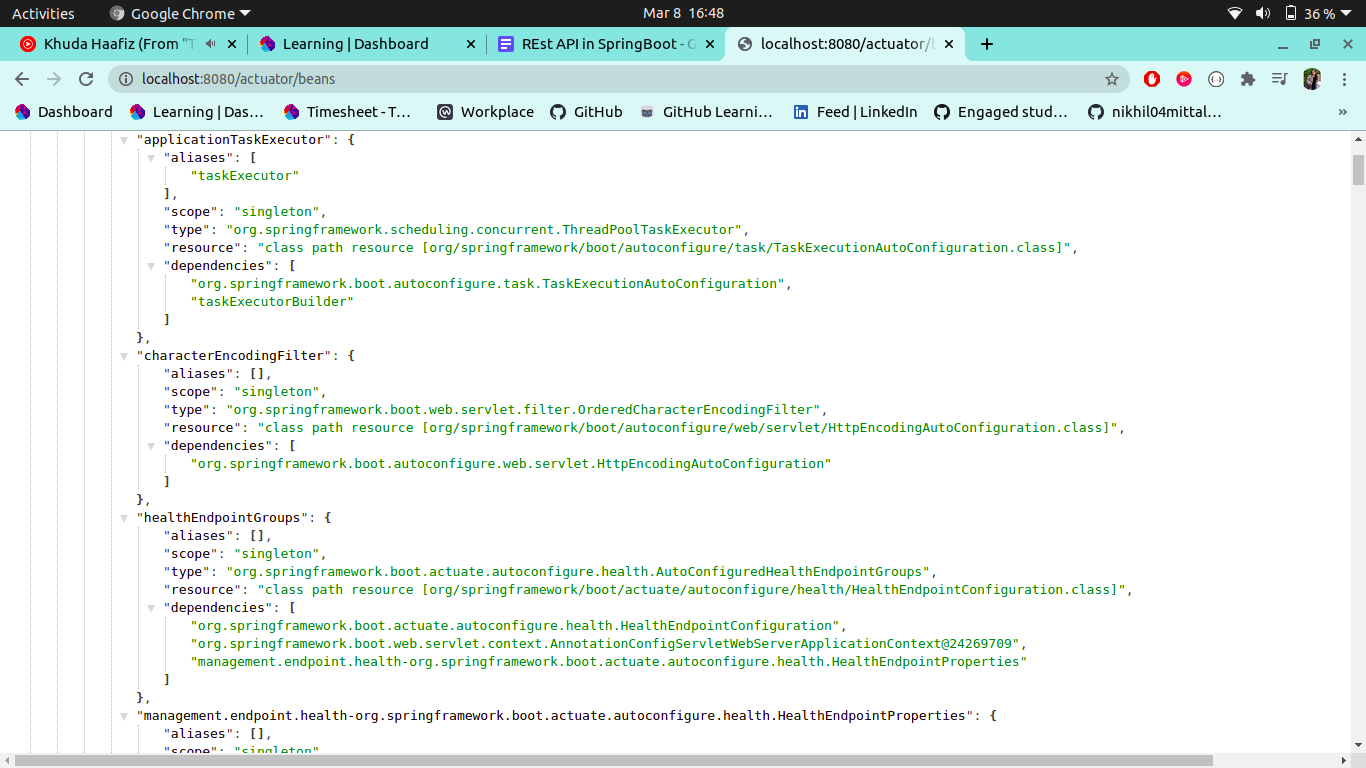
****

<http://localhost:8080/actuator>

****

<http://localhost:8080/actuator/health> ****

Beans configured: <http://localhost:8080/actuator/beans> 

****