**Hospital Front Desk**

**Prerequisite:**

According to this service, Pojo classes has been annotated with @setter, @Getter, @NoOrgConstructor, @AllArgConstrutor using Lombok in order to avoid boiler plate code. Kindly go through the following link to complete setup in IDE. Otherwise it might throw an error.

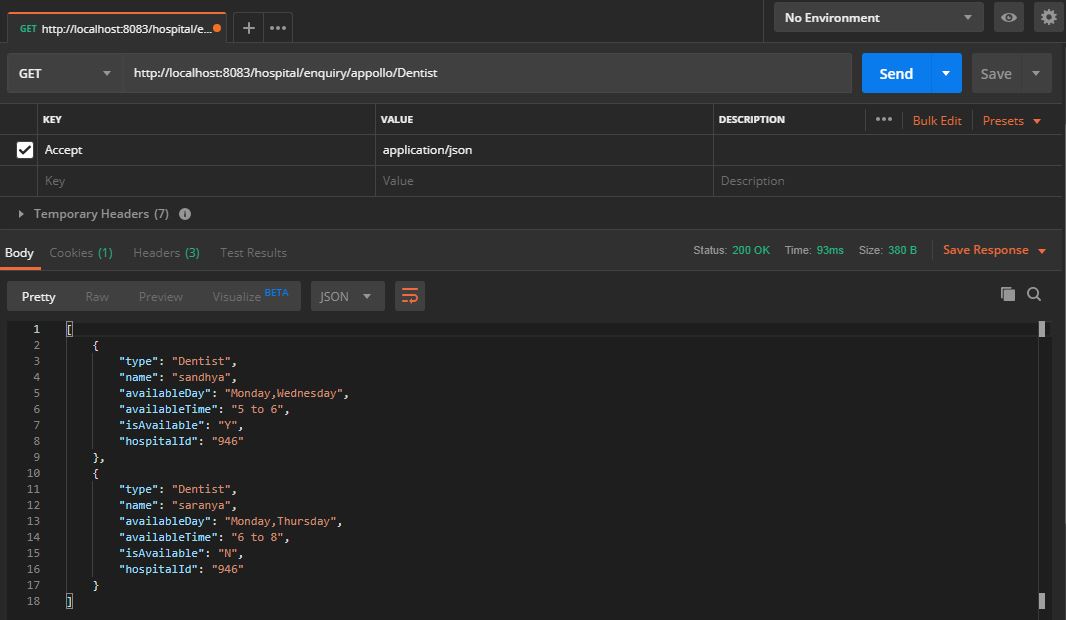
<https://howtodoinjava.com/automation/lombok-eclipse-installation-examples/>

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| **Service Info:**  Rest Api: hospitalfrontdesk  Port : 8083  Rest Client: hospitalclient  Port: 8080 |

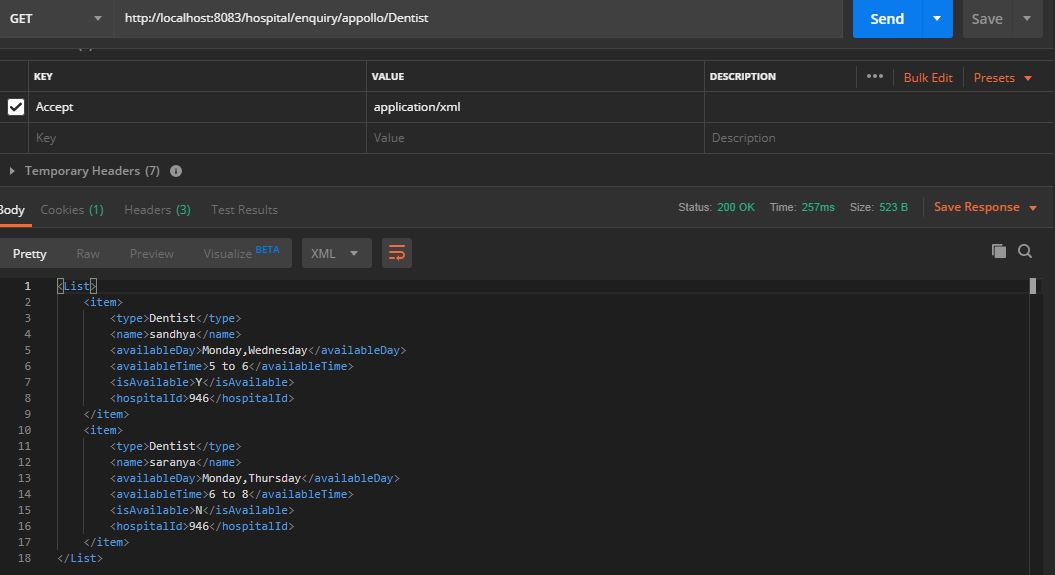
**Requirement 1:**

<http://localhost:8083/hospital/enquiry/appollo/Dentist>

**JSON Response:**



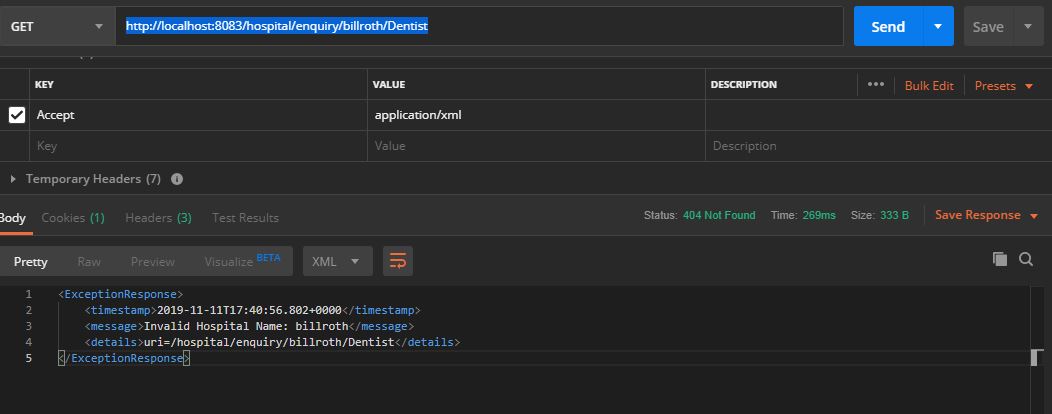
**XML Response:**



**Exception Handling:**

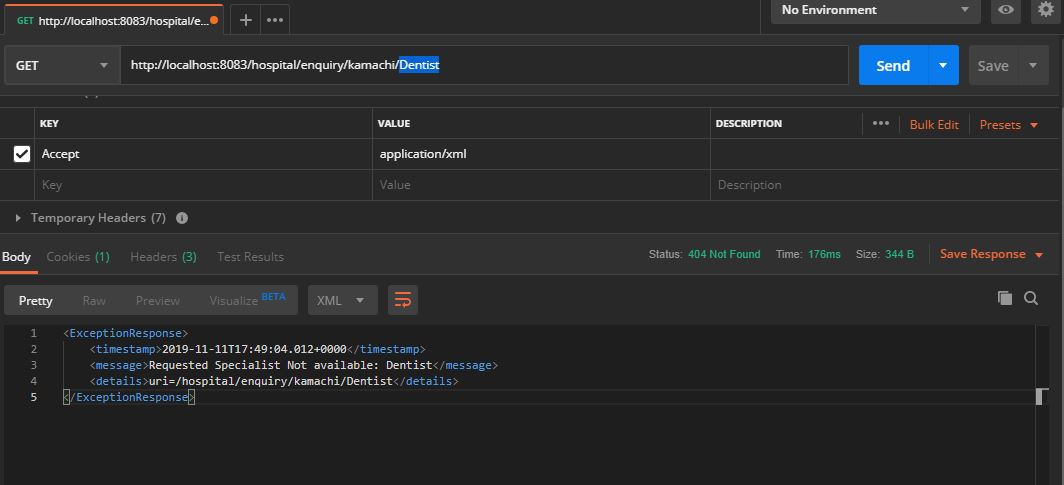
**Use case: Hospital not available:**

<http://localhost:8083/hospital/enquiry/billroth/Dentist>



**Use case: Specialist not available:**

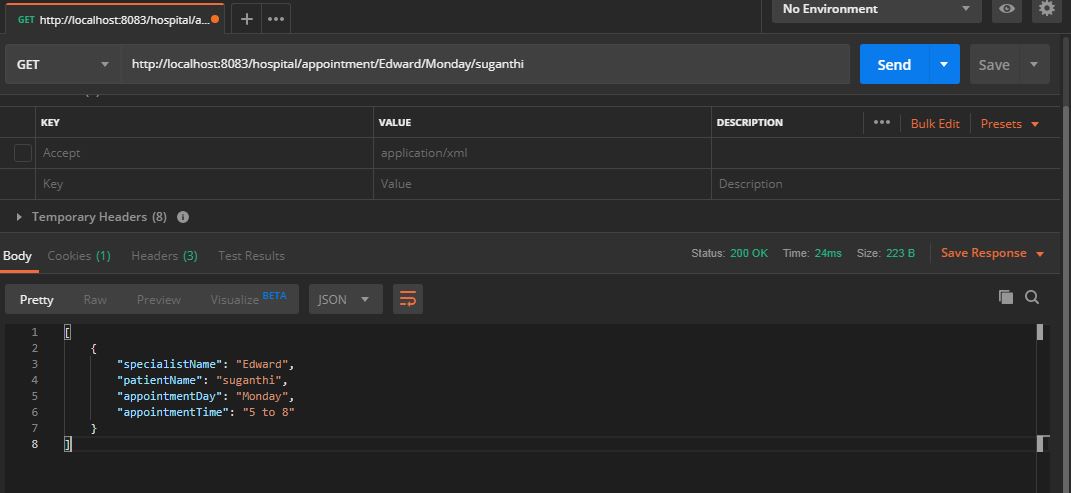
<http://localhost:8083/hospital/enquiry/kamachi/Dentist>



**Requirement 2:**

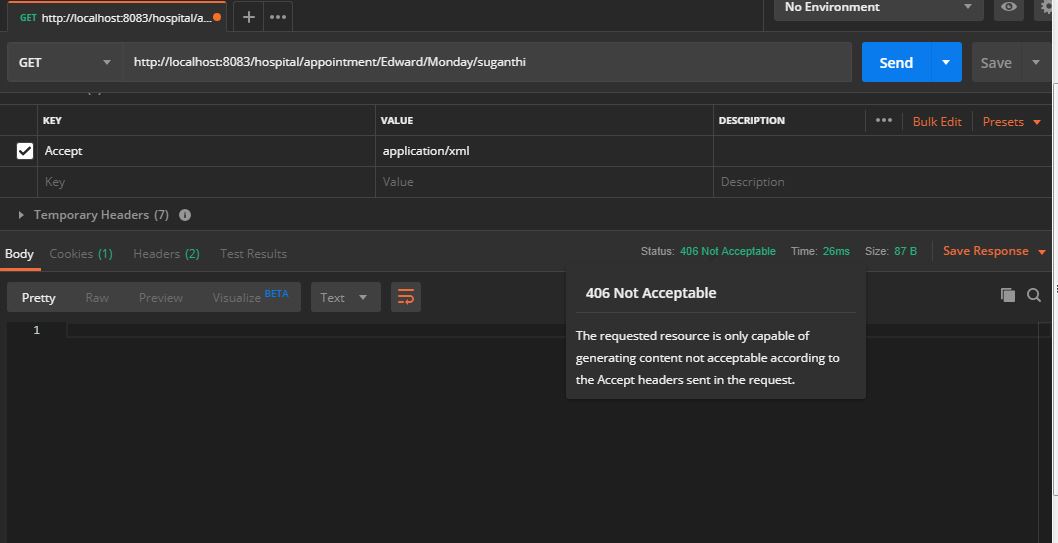
<http://localhost:8083/hospital/appointment/Edward/Monday/suganthi>

**JSON Response:**



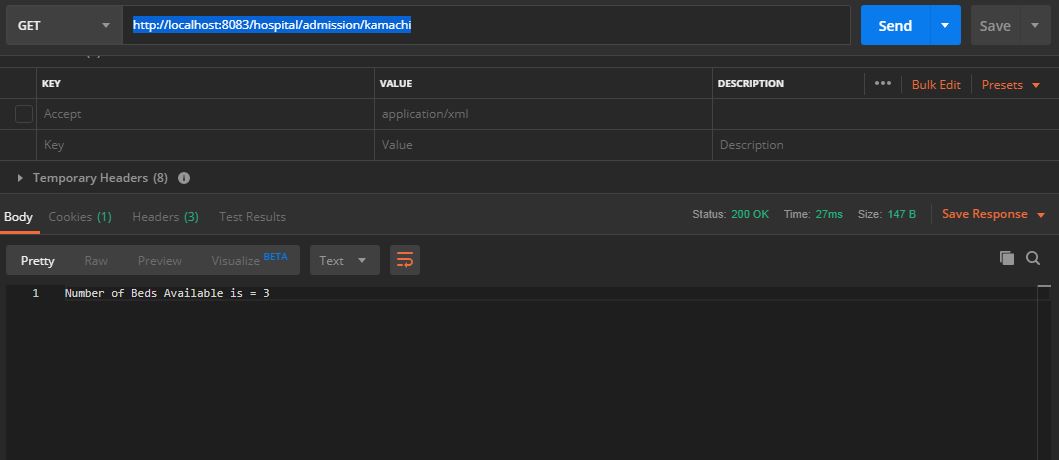
**XML Response:**

**As per the requirement, Response is restricted to json format intentionally. So xml format will not be accepted.**

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**Requirement 3:**

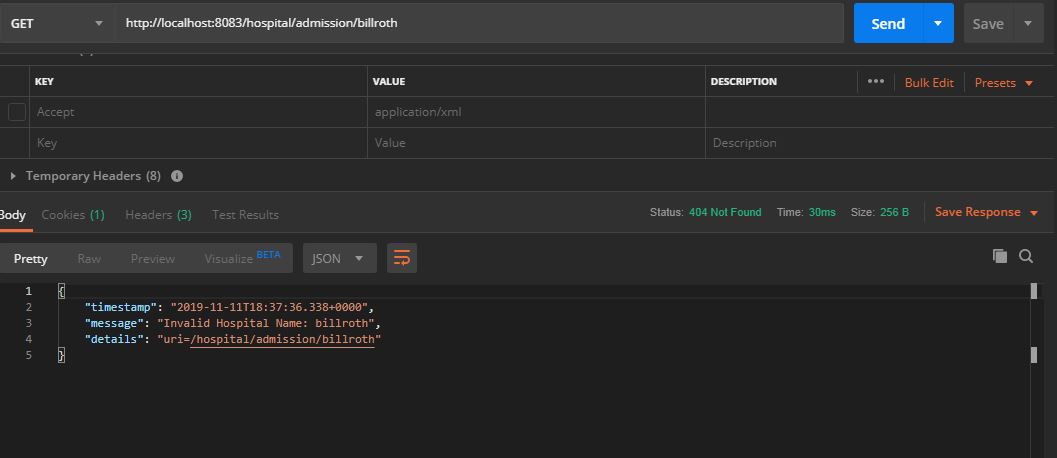
<http://localhost:8083/hospital/admission/kamachi>



**Exception Handling:**

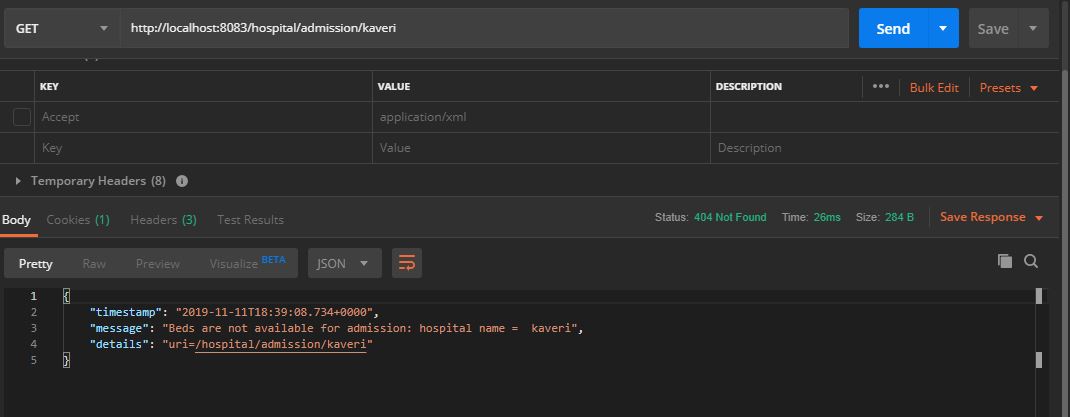
**Use case: Hospital not available:**

http://localhost:8083/hospital/admission/billroth



**Use case: Beds not available:**

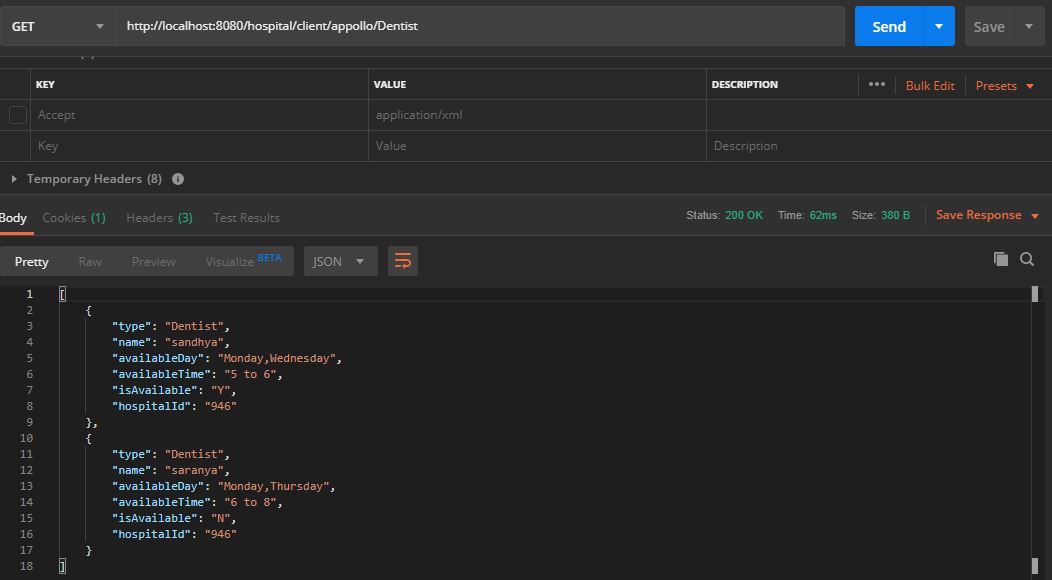
<http://localhost:8083/hospital/admission/kaveri>



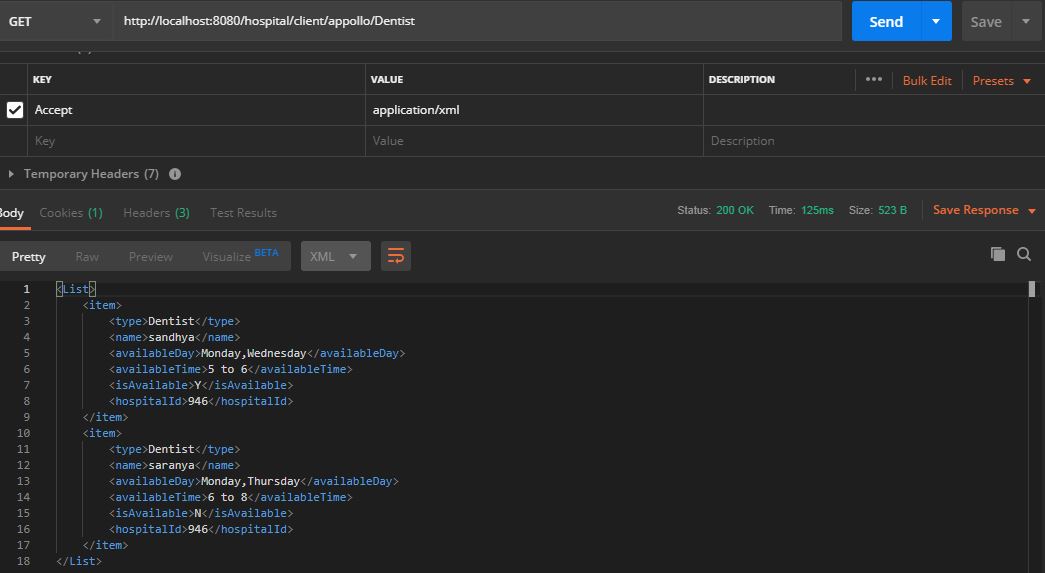
**Requirement 4:**

http://localhost:8080/hospital/client/appollo/Dentist

**Json Response:**

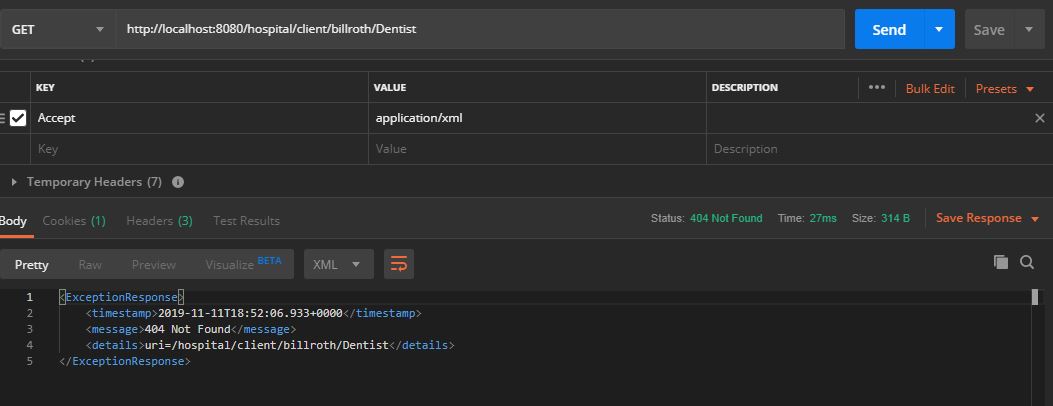
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**XML Response:**

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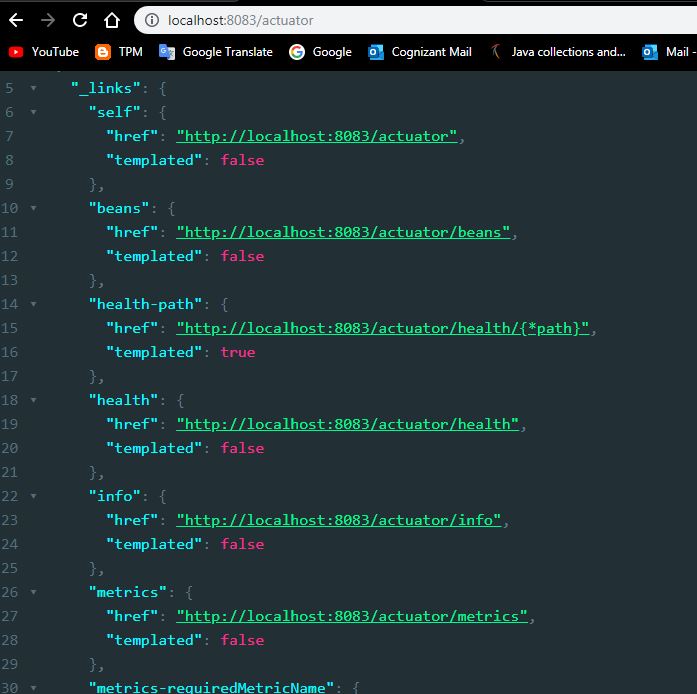
**Exception Response:**

http://localhost:8080/hospital/client/billroth/Dentist

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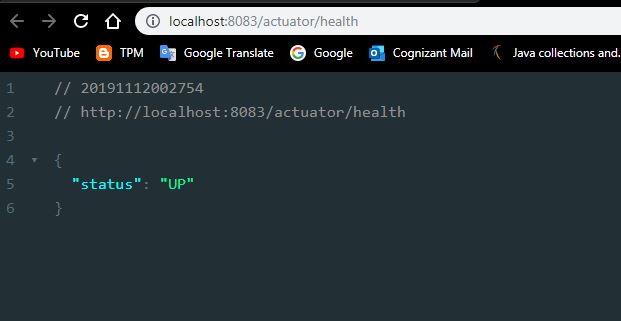
**Requirement 5:**

<http://localhost:8083/actuator>

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**Health Check:**

<http://localhost:8083/actuator>/health

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