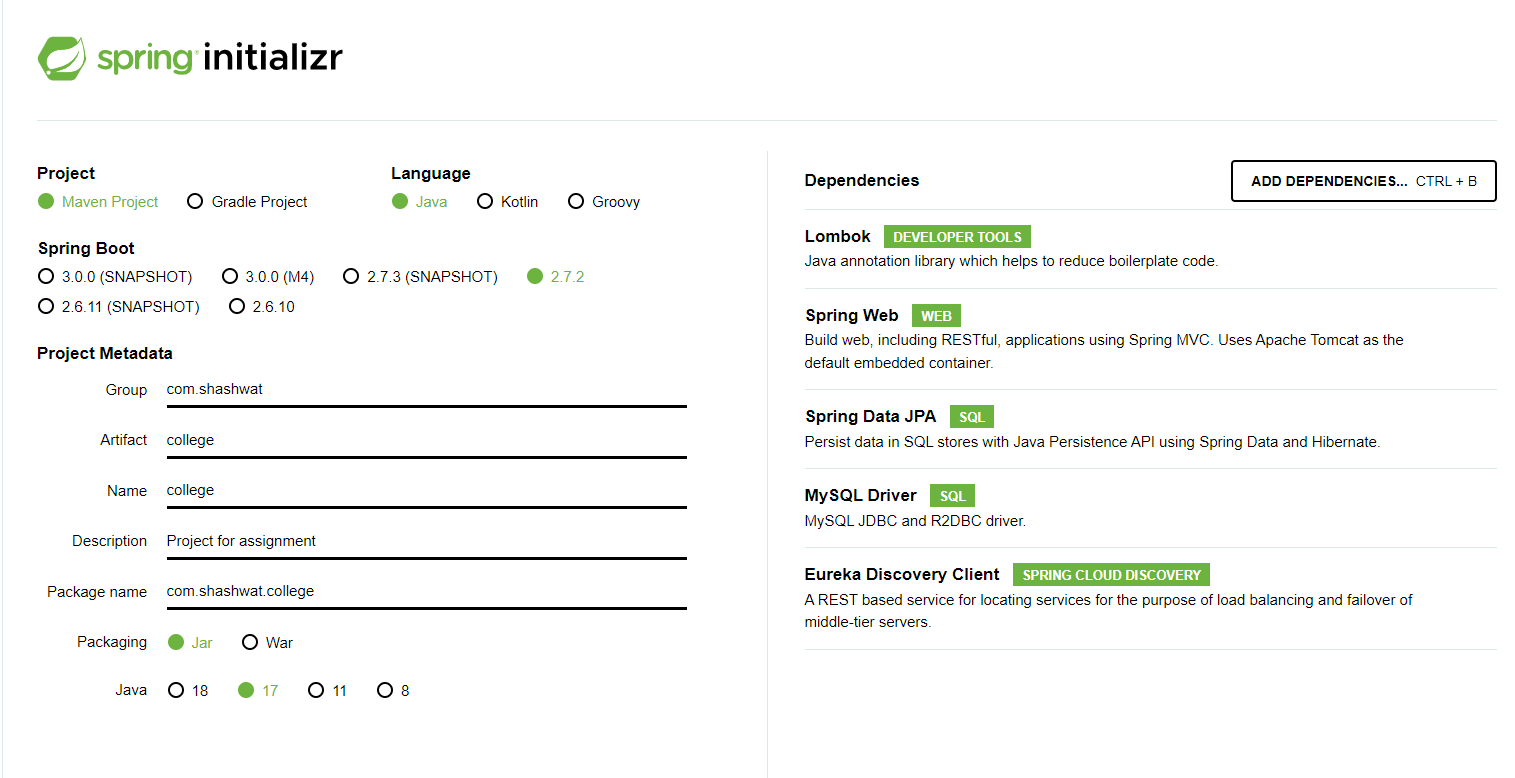
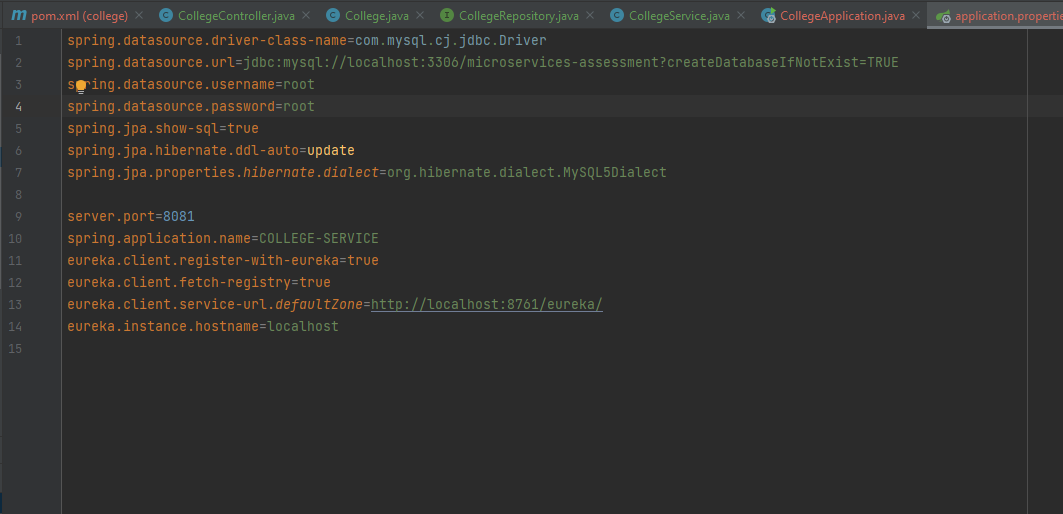
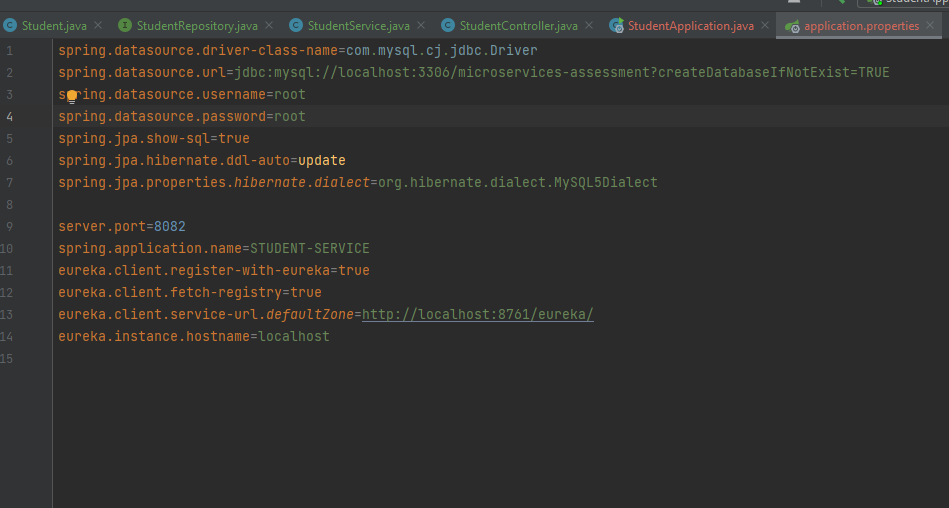
**First of all I have created project on start.spring.io each for student and college services, like shown in the screenshot below**

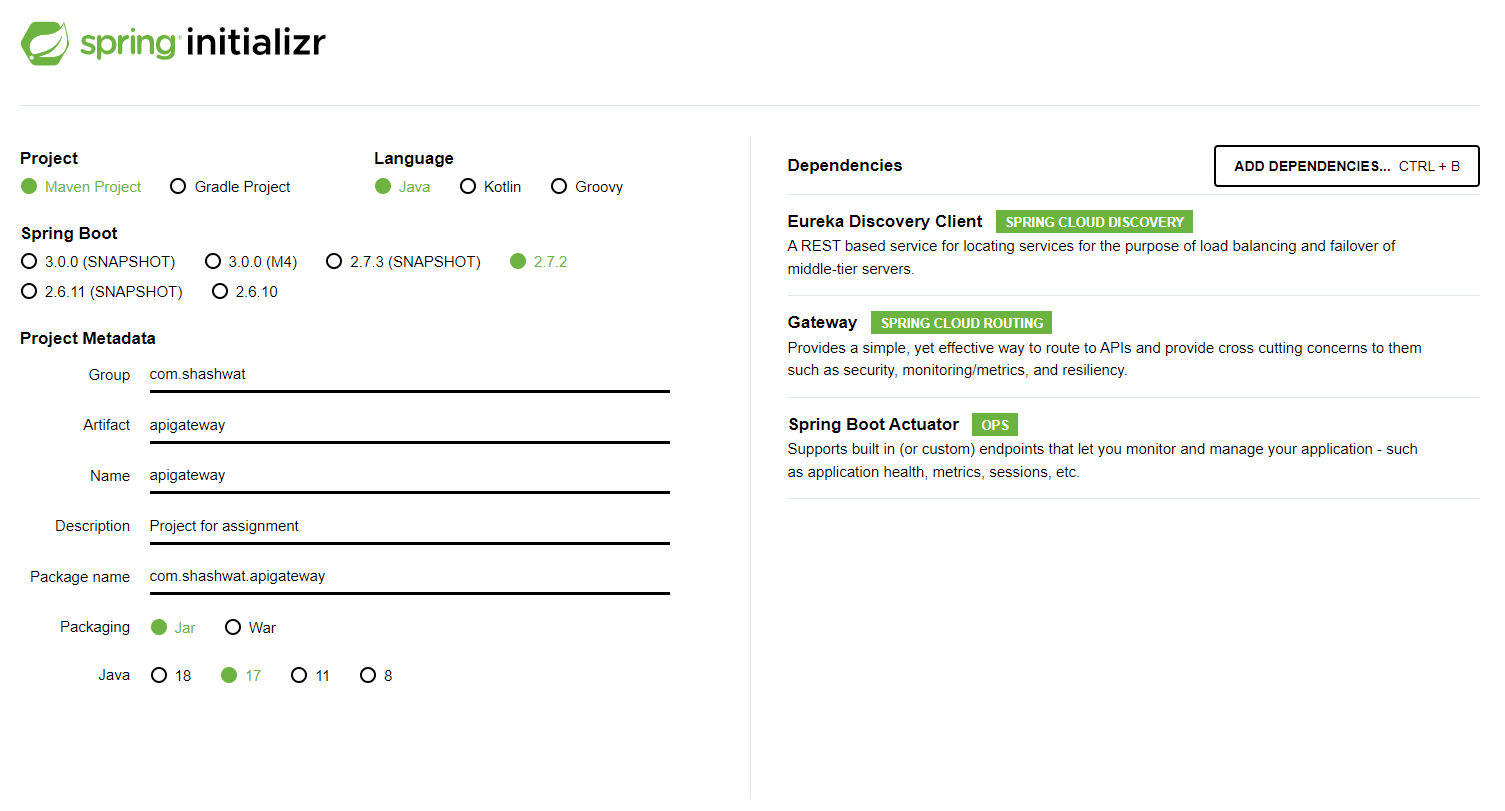
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**the application.properties files for both of them look like as shown below**

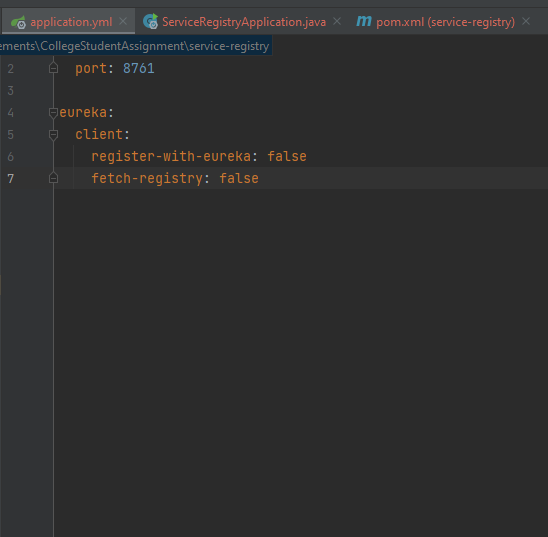
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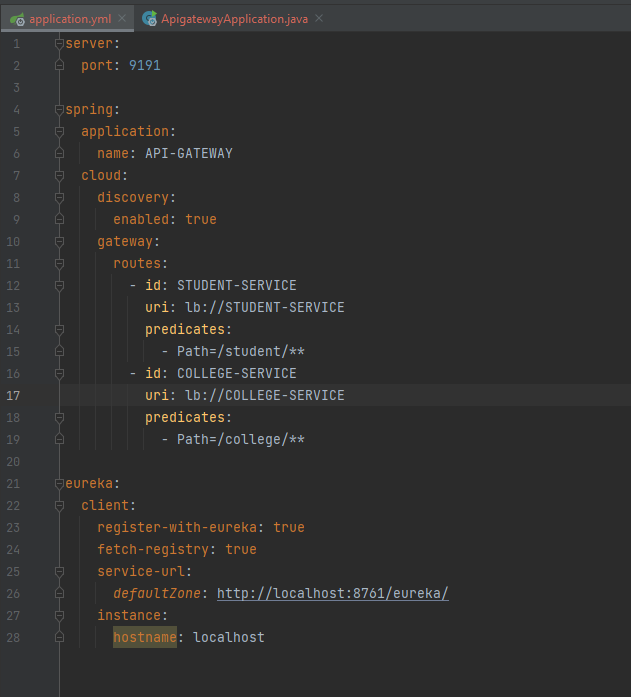
**Then I have create project for service-registry and api gateway, the init for api gateway looks like this**

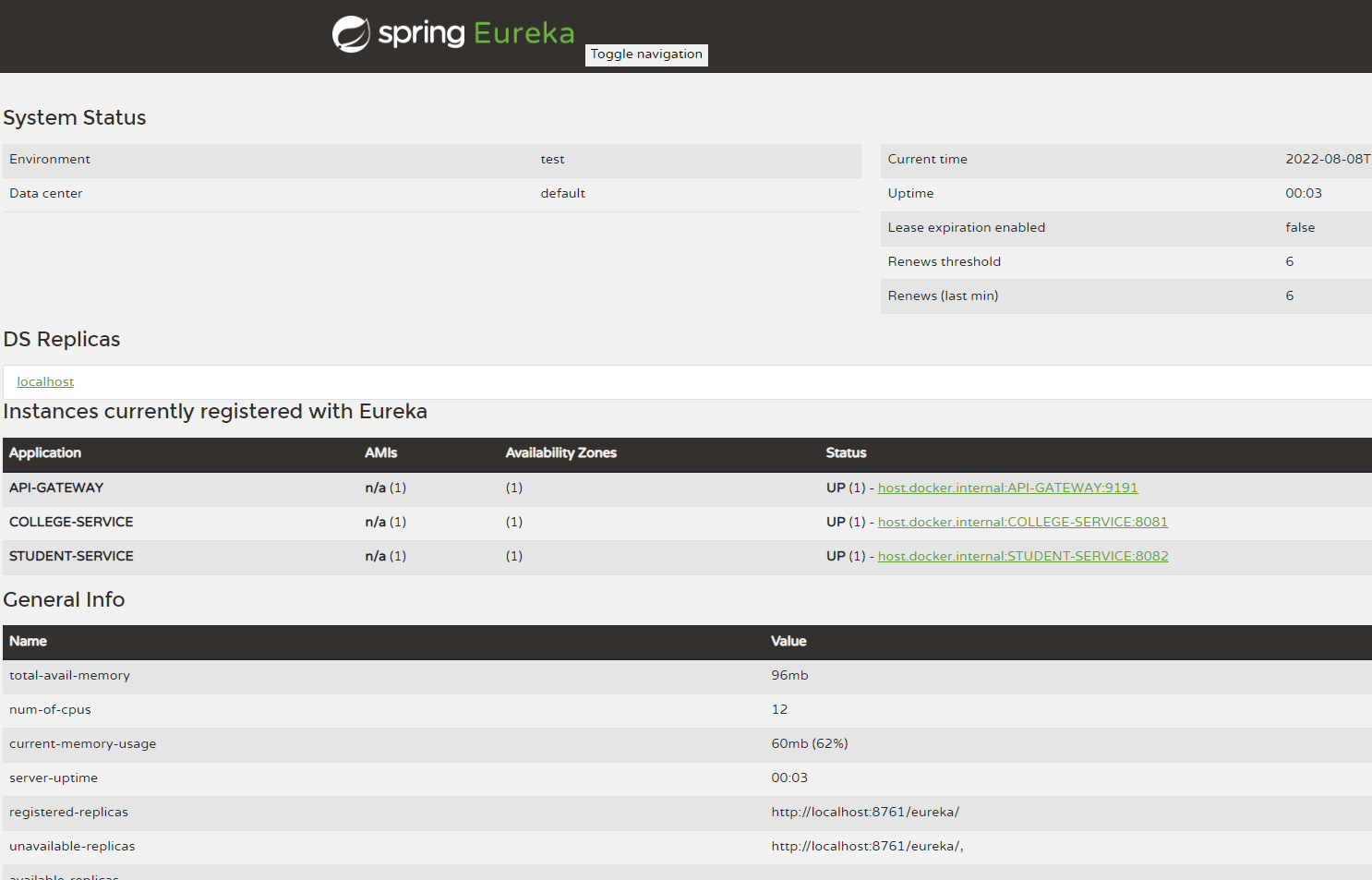
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**the application property file for registry looks like as shown in the screenshot below, we have used port 8761 in this case**

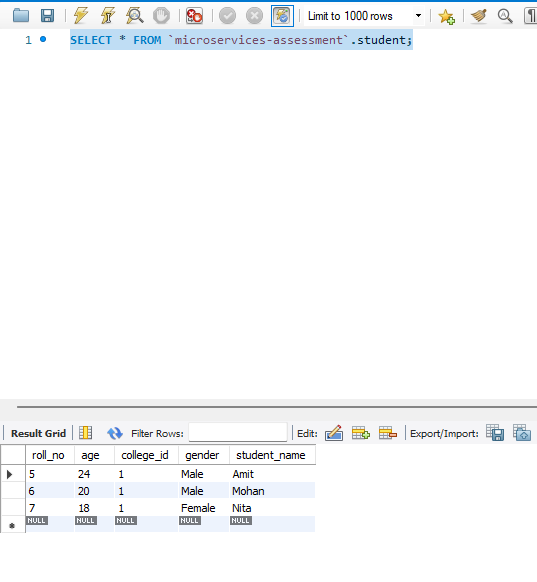
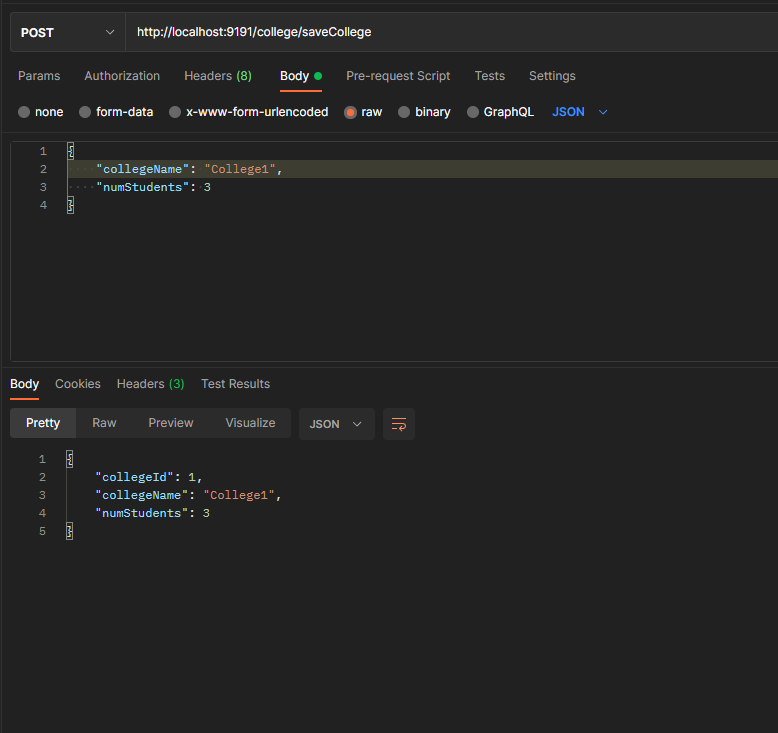
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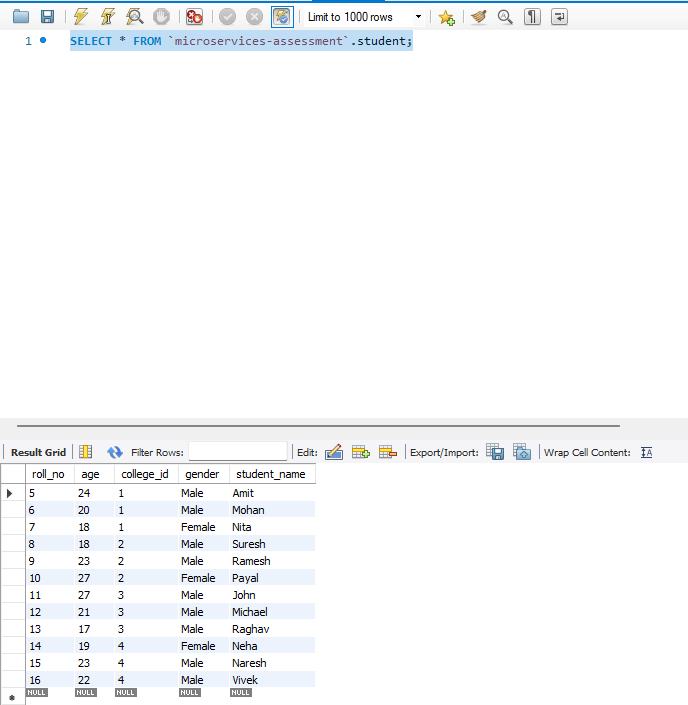
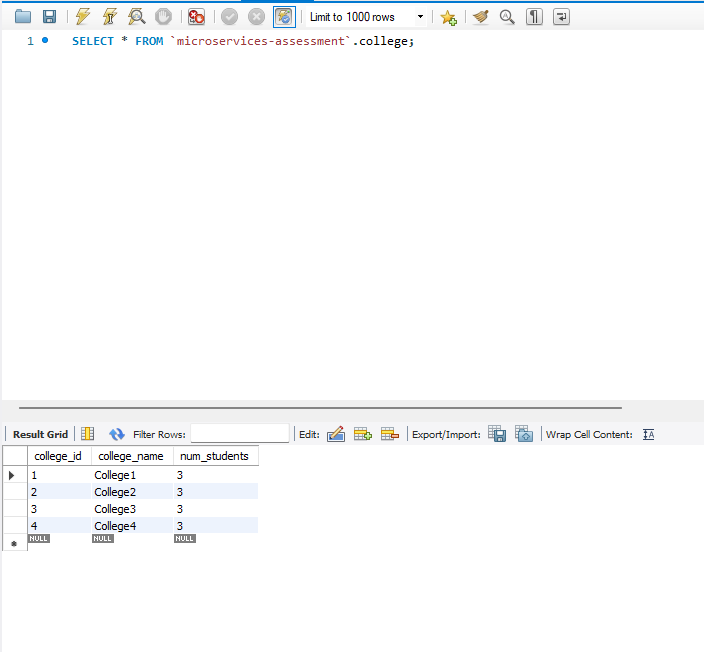
**finally, I have defined the routes for the apis in the application properties of api gateway as shown below.**

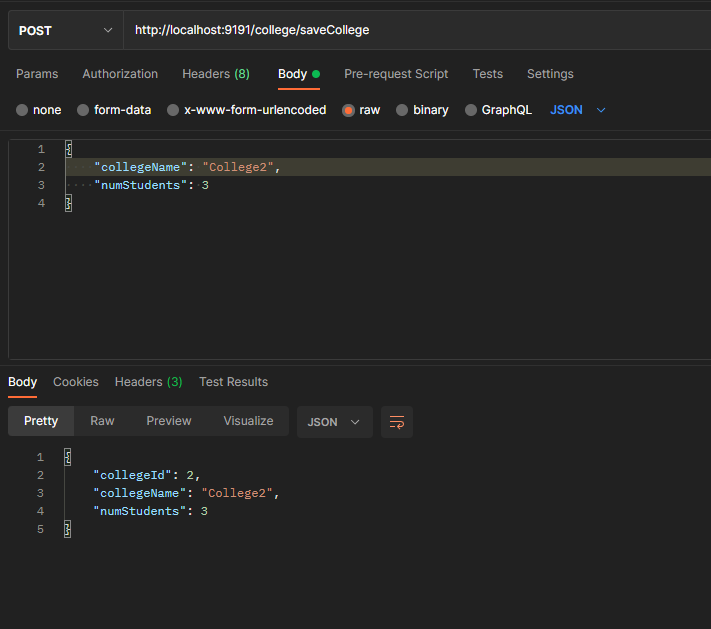
**The api gateway runs on port 9191, which will route the calls based on the endpoint to Appropriate service.**

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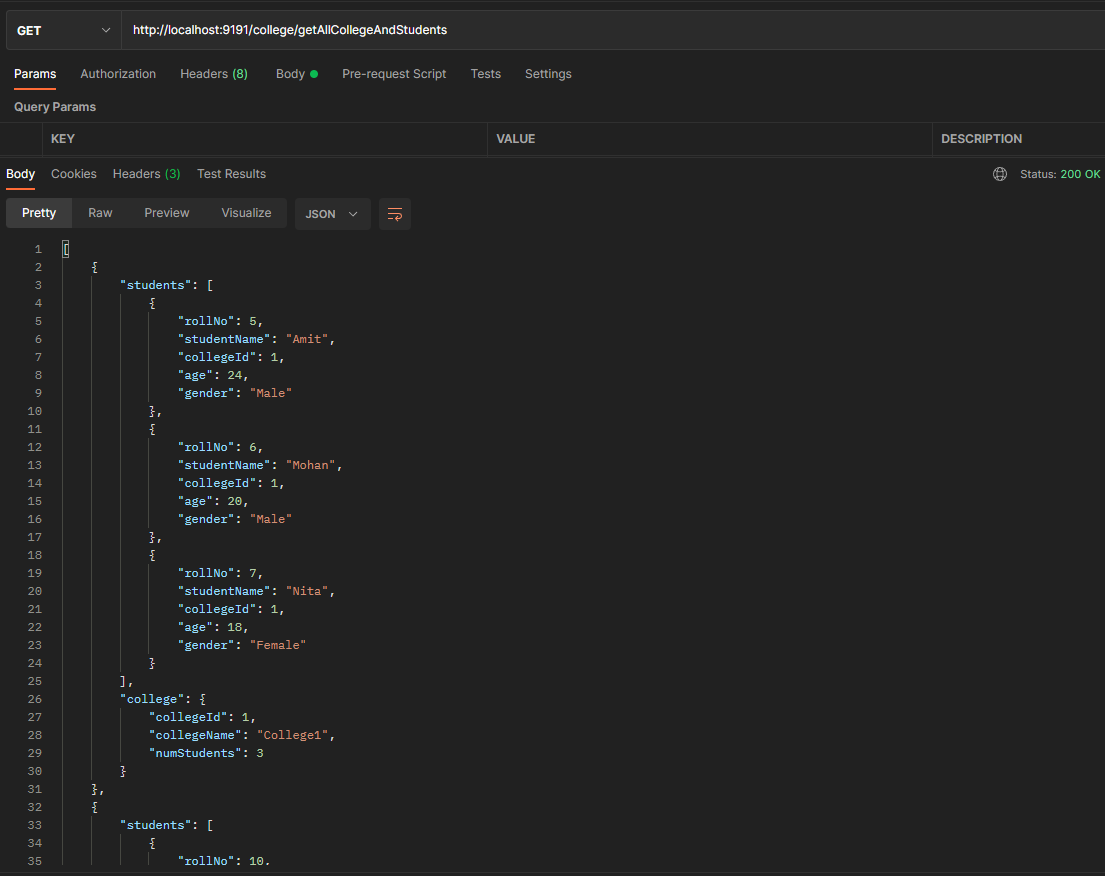
**I have created college and students using postman, as shown below.**

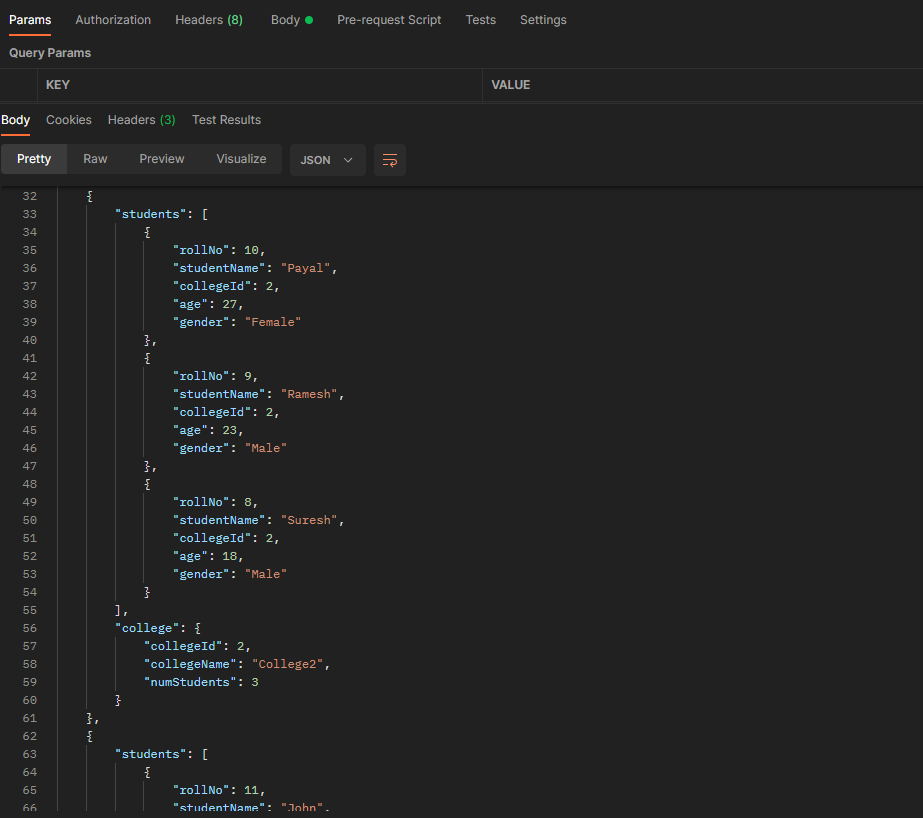
****

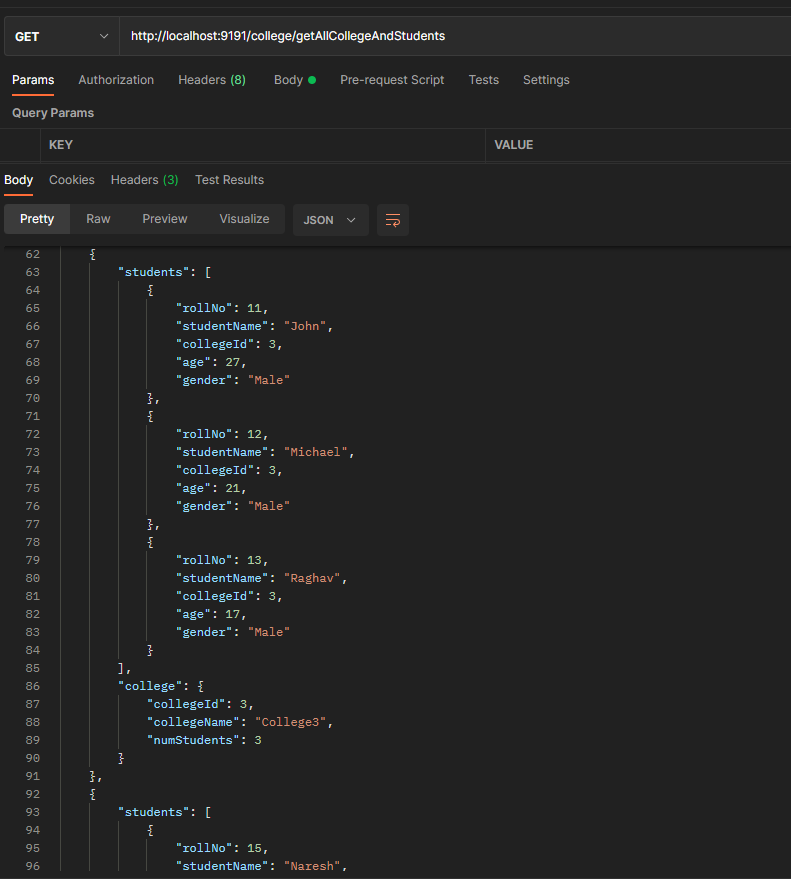
****

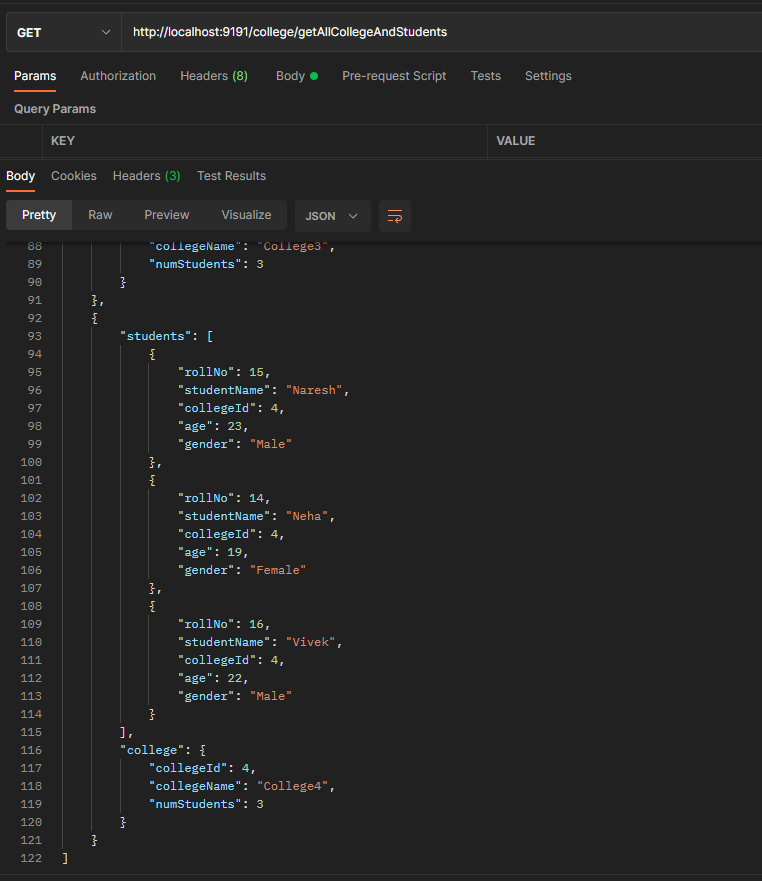
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**Displaying all student with a college based on their name in ascending order.**

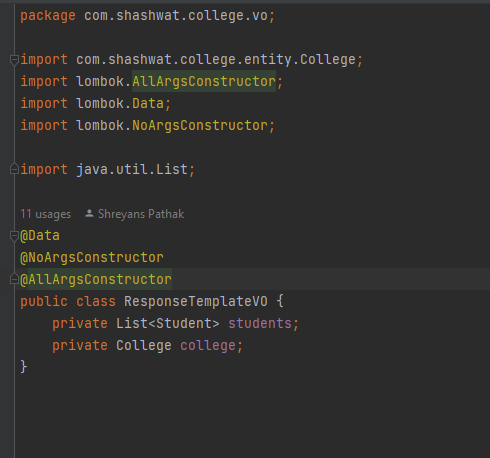
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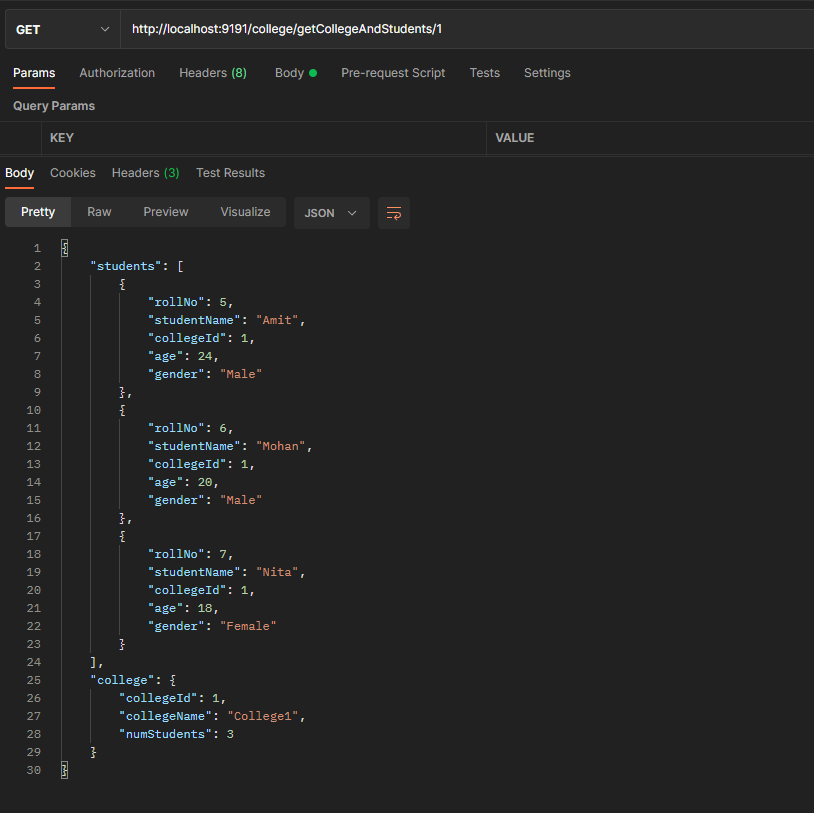
****

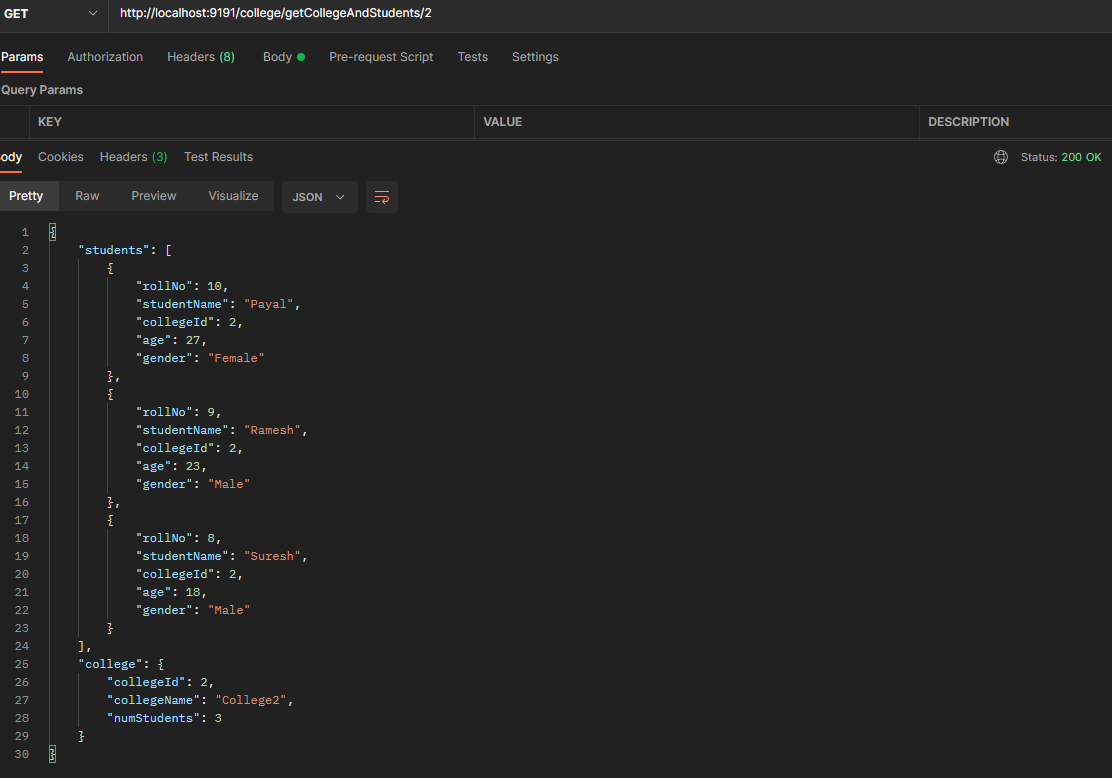
**Now, as in the question, we display all college along with its students as shown in the screenshot below.**

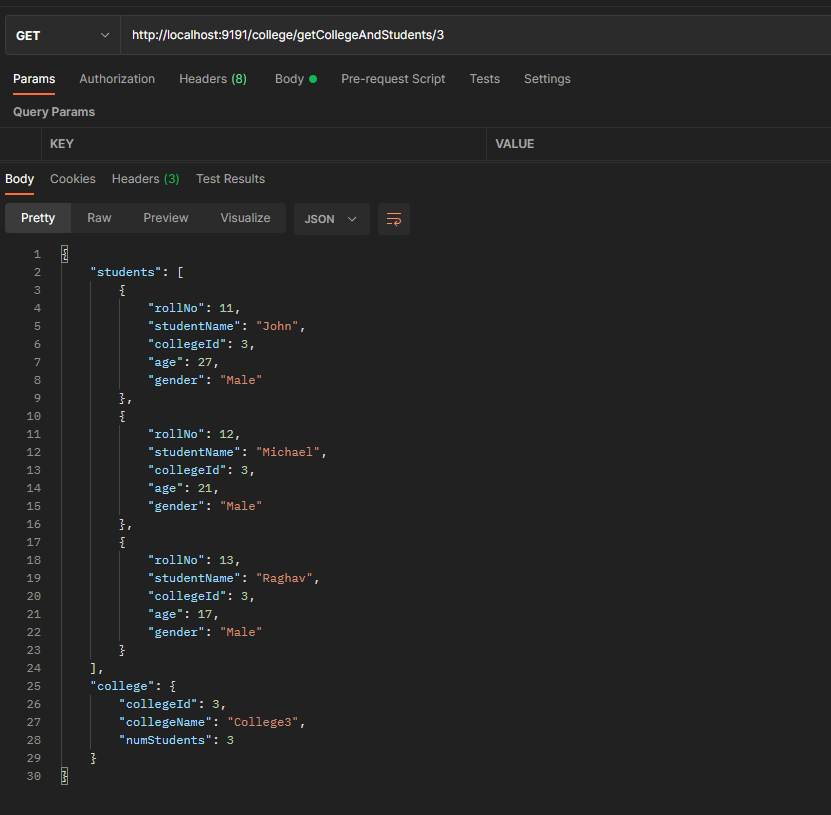
****

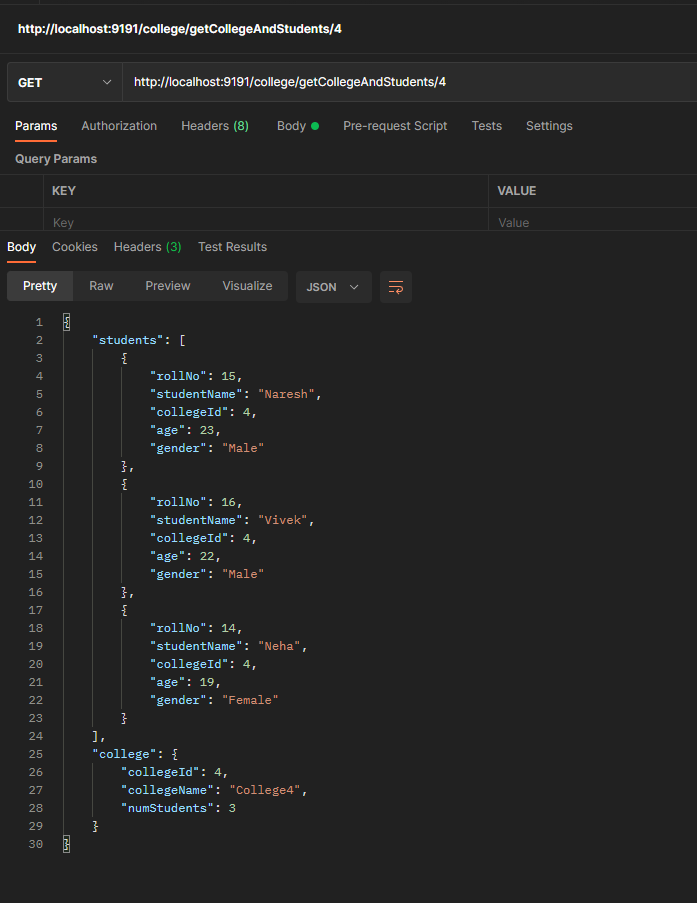
**The response comes in the shape of the VO which i have created in the college service**

**Below is the screenshot of all students for a college with ages in descending order**

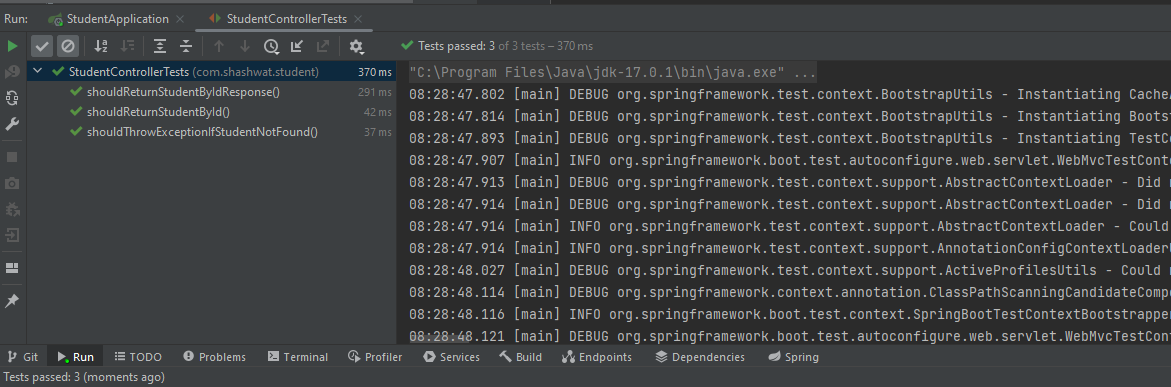
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**screenshots of test cases**

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