Thought note for back-end module 1:

I am glad to share that I have completed my first back-end module assignment. After completing the assignment, I have got a better understanding of how JavaScript works on the server side. I have used **Node.js** and its different modules like **express, node-persist, body-parser** and **nodemon** to complete the assignment.

At first, I created a file named "**index.js**" and then created a "**package.json**" file using "**npm init**" command. Then I installed all the necessary modules for the assignment. I have created profile of 3 students, they are:

- Astitva Bartaria
- Pracheta Jain
- Praduman Dixit

URL details:

The server runs on **localhost:5000**. After running the server there are 3 different URL that a user can access, they are:

1. **localhost:5000/allStudents** - This route will display details of all 3 students on the browser.
2. **localhost:5000/student/:id** - This route will display details of individual student based on their id i.e. user can use id: **101, 102,** and **103**. If the user will enter some other id then it will display a message "**Student not found!**".
3. **localhost:5000/topper** - This route will display the details of the student with highest GPA.

Extras:

- I have used the **<hr>, <p>, <strong>** and **<h1>** tags to beautify the content displayed on the browser.
- I have used **postman** application to post the student details in the "**.node-persist**"folder.
- I have used an extra module named **nodemon** in order to make the development process easier.

Conclusion:

I have tried my level best to complete the assignment and meet all the basic requirements that are given in the problem statement PDF. I have also added some extra features to make the content look better.

Thank you,
Astitva Bartaria.