

Topic: Module 1 Node and express (Backend development) :-

1. Understand the concepts of node and express.
2. Start the project by making the package file using npm init.
3. Install the express by using the command `npm i express`.
4. Install the node-persist as a local storage .
5. Make the main file (index.js)
6. IN index.js import the express and node persist
 - 6.1. Create the new instance `const app = express();`
 - 6.2. Initialize the storage
 - 6.3. Set body parser
 - 6.4. Creating APIs
 - 6.5. Make the post request for storing the data with the help of postman by `localhost:5000/student`
 - 6.6. Make three get request
 - 6.6.1. `localhost:5000/student/id` (get the data based on the id passed in the url)
 - 6.6.2. `localhost:5000/allstudents` (get all the data)
sort the data using a callback function to get the data In ascending order.
 - 6.6.3. `localhost:5000/topper` (get method to get details of topper)
For topper detail I filter the student and display the student with highest GPA
 - 6.7. Starting the server at `localhost 5000`. With the message “server started “ in console.
7. Check the methods in postman as well as in the browser also.

Learning and conclusions:

learnt how node and express works with APIs to get and post the data with the local storage and many more that help me to improve my coding journey.