Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA   Batch - 51
Microservices Practical 3

Aim : You are building a Node.js application for a scheduling platform. As part of the functionality, you need to display the current date and time whenever a user interacts with the platform.

Practical 3 : To achieve this, create a custom dateTimeModule in Node.js that provides the current date and time in a formatted manner. Once you have created the module, demonstrate how you would use it in your main application file (app.js) to display the current date and time whenever a user performs a certain action.

Code : (dateTimeModule.js)

```javascript
let d = new Date();



function YSLdatetime()
{
let date = d.getDate();
let month = d.getMonth();
let year = d.getFullYear();
let hour = d.getHours();
let min = d.getMinutes();
let sec = d.getSeconds();

return {
tarikh: `${date}-${month}-${year}`,
samay: `${hour}:${min}:${sec}`
};
```

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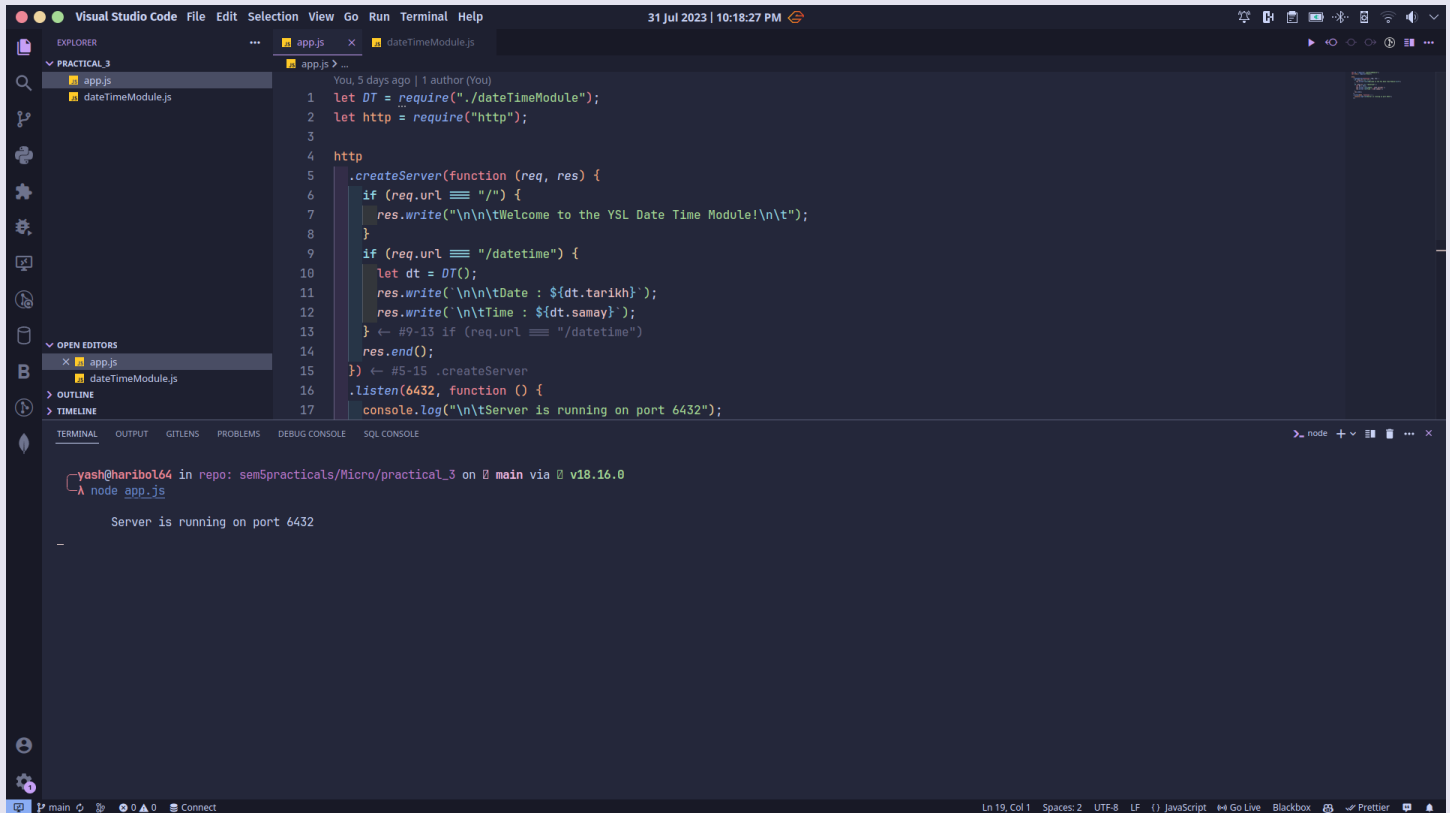Branch - CBA   Batch - 51
Microservices Practical 3

```javascript
}


module.exports = YSLdatetime;
```

Code : (app.js) (in the same directory)

```javascript
let DT = require("./dateTimeModule");

let http = require("http");


http

.createServer(function (req, res) {

if (req.url === "/") {

res.write("\n\n\tWelcome to the YSL Date Time Module!\n\t");

}

if (req.url === "/datetime") {

let dt = DT();

res.write(`\n\n\tDate : ${dt.tarikh}`);

res.write(`\n\tTime : ${dt.samay}`);

}

res.end();

})

.listen(6432, function () {

console.log("\n\tServer is running on port 6432");

});
```

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Output :

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Welcome to the YSL Date Time Module!

Date : 31-6-2023
Time : 22:17:17