

Ex.No.8
Batch :Q

Date:28.02.2025

Http Services using NodeJS and Express

1.USING GET METHOD:

STATIC HTTP :(5)

i.Create nodejs client and server programs to

a.display message "FULL STACK TECHNOLOGIES" in the client (Browser).

b.fetch a html file from the server and display them in the Browser.

c.create a "student.html" in the server's subdirectory 'student' . Fetch that file from the client browser by passing file name in the URL string <http://localhost:8085/student.html>

Dynamic HTTP :(5)

d. Create a html page for CSE lab to display the labtimetable (Day,session and status (free/subject name being handled) dynamically in the server and send to the client when the client request the availability of the lab <http://localhost:8086/lab1>.

Output:Lab1: "Monday,FN ,FST" ,Monday,AN ,FREE"

Server should have details of Lab1 in an array /JSON object.

for.eg. Lab1: "Monday,FN ,FST" ,Monday,AN ,FREE"

2.USING POST METHOD: (5)

i. Create a node.js client program for login page to create and send the JSON object having register number and subject code to the server . Create a server nodejs program to collect the student credentials from the client and generate a JSON object having hall number and seat number.

SPOT Questions:(5 marks)

Try the above program(Using Post Method) using Express

Explore Express Routing and Template Engines

3. Create a Modern Expense Splitter Webapp using JavaScript.

Name:

Expense:

Add Expense

Expenses:
lotus: \$400.00
lily: \$200.00

Expense Summary:
lotus owes \$100.00 to others.
lily is owed \$100.00 by others.

Skills Graph

