**Lab 6 Assignment**

**Q) Create a Web Server offering basic web service(s) to the front-end**

**Frontend:**

import React, { useState, useEffect } from "react";

import "./App.css";

function App() {

  const [message, setMessage] = useState("");

  useEffect(() => {

    fetch("http://localhost:3000")

      .then((res) => res.json())

      .then((data) => setMessage(data.message));

  }, []);

  return (

    <div className="App">

      <h1>{message}</h1>

    </div>

  );

}

export default App

**Web Server (Node.js)**

const http = require('node:http');

const hostname = '127.0.0.1';

const port = 3000;

const server = http.createServer((req, res) => {

  res.statusCode = 200;

  res.setHeader('Content-Type', 'text/plain');

  res.end('Hello am Harshini\n');

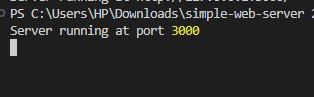
});

server.listen(port, hostname, () => {

  console.log("Server running at port",port);

});

**Output :**

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