1. set the server and showing the console (http://localhost:5000)

server.js

```
const http = require("http");

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

  res.writeHead(200, { "Content-Type": "text/plain" });

  res.end("Hello! Node HTTP Server is running");

});

server.listen(5000, () => {

  console.log("Server running at http://localhost:5000");

});
```
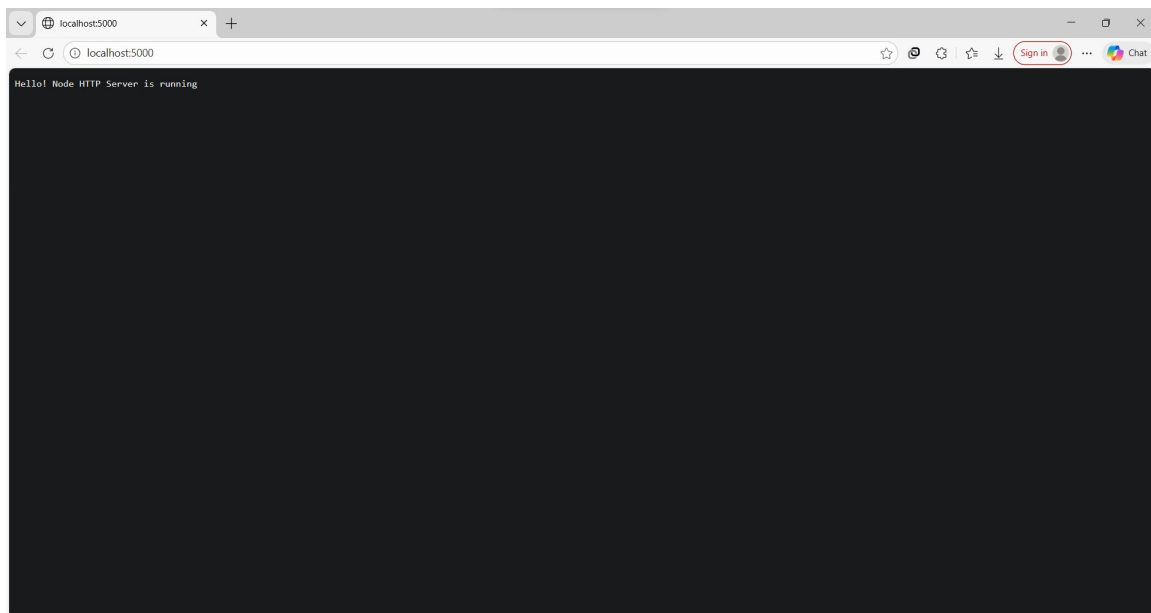

2. what is HTTP modules why we use

HTTP Module:

The http module is a core (built-in) module in Node.js that allows Node to:

Create web servers

Handle HTTP requests

Send HTTP responses

Why we use it:

To build backend servers

To handle client requests (browser, Postman, frontend apps)

To send data like HTML, JSON, or text

No need to install it (comes with Node)

3. what is import export methods.

Import & Export:

They are used to share code between files.

Why needed:

To keep code modular

Reuse functions across files

Better file structure and readability

Two types in Node:

CommonJS:

require() / module.exports

ES Modules (Modern):

import / export

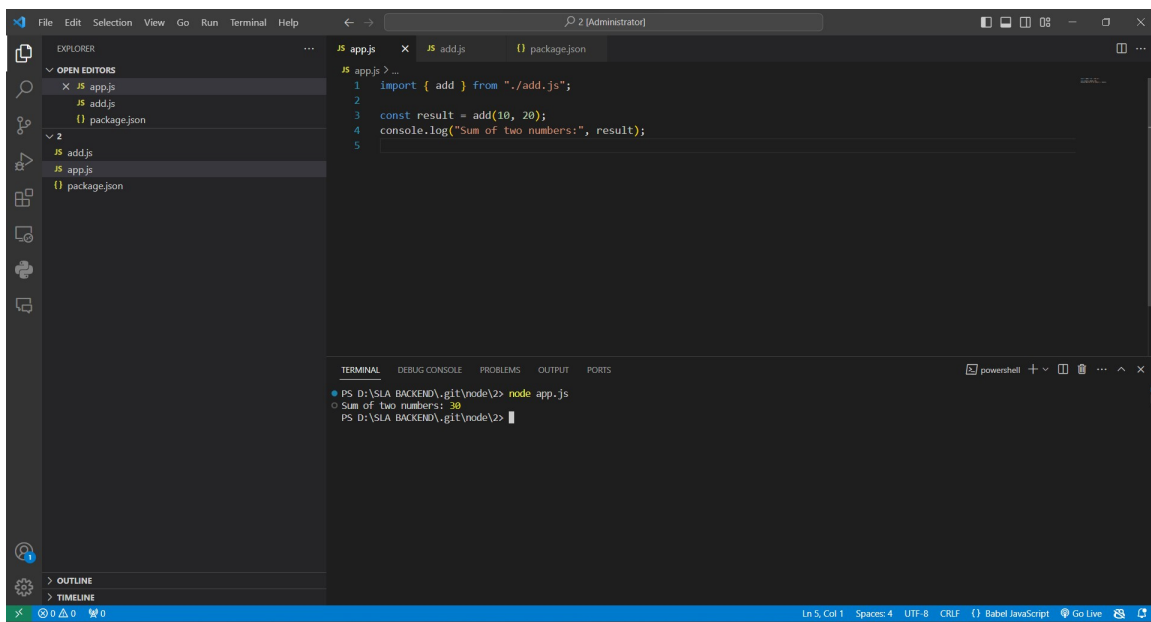4. using import and export methods to add 2 numbers (app.js and add.js)

add.js:

```
export function add(a, b) {

  return a + b;

}
```

app.js:

```
import { add } from "./add.js";

const result = add(10, 20);

console.log("Sum of two numbers:", result);
```


5. what is the machine and run time environment it is? in Node

Machine:

The machine is the system where Node.js runs

Example:

Your laptop

Server (AWS, Azure, etc.)

It can be Windows / Linux / macOS

3