Create Server in Node js

Node JS Tutorial in Hindi #7 | Create Server in Node.js

Why Do We Need a Server?

JavaScript by default runs in the browser.

But when we want to run JavaScript on the server, we need Node.js.

Now, if you write some code in Node.js — how can you access that code in the browser?

It's important to understand this:

If you want to see your Node.js output in the browser, you need to set up a server.

Write Code to Create a Server

Node.js provides a built-in package called `http` to create servers.

You don't need to install it separately.

Here's the basic code to create a server:

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

http.createServer().listen(4800);
```

How to Run the Code

Open your terminal and run the file using:

```
node basics.js
```

How to Check the Output in the Browser

Open your browser and type:

```
http://localhost:4800
```

You can also check the response in:

```
Inspect → Network tab
```

Understanding Request and Response Parameters

If you want your server to return some data to the browser, this is how it works:

The **client** (browser) sends a request.

The **server** responds to that request.

In Node.js, you can handle this using the `http.createServer()` method, which accepts a callback function with `request` and `response` parameters.

```
http
.createServer((req, resp) => {
resp.write("<h1>Hello, this is Anil Sidhu</h1>");
resp.end("Hello"); // Ends the response
})
.listen(4800);
```

Now, when you visit `http://localhost:4800`, you will see the message in the browser.

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