Understand Client Request in Node.

Node JS Tutorial in Hindi #12 - Understand Request Params

What is a Client Request?

A **client request** is the action performed by the client (browser or any API testing tool) when it tries to access a URL or send data to the server.

Whenever you open a website or call an API, you're sending a **request** to the **server**, and in return, the server sends a **response**.

Code to Access Client Request

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

http
```

```
.createServer((req, resp) => {
  console.log(req.url); // Log the requested URL
  console.log(req.headers); // Log the request headers
  console.log(req.headers.host); // Log the host
  console.log(req.method); // Log the HTTP method (GET, POST, etc.)
})
.listen(5000);
```

Now open `localhost:5000/`, and check the terminal — you'll see the request data being logged.

Make Pages with Client Request

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

http
  .createServer((req, resp) => {
    if (req.url == "/") {
      resp.write("<h1>Home page</h1>");
    } else if (req.url == "/login") {
      resp.write("<h1>Login page</h1>");
    } else {
      resp.write("<h1>Other page</h1>");
    }
    resp.end(); // End the response
  })
  .listen(5000);
```

How to Test It?

Run the file:

```
nodemon filename.js
```

Open your browser:

`http://localhost:5000/` → Shows Home page

`http://localhost:5000/login` → Shows Login page

Any other route → Shows Other page

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