

How to Submit Form with Node.js

Node JS Tutorial in Hindi #15 How to Submit Form with Node.js



Form inside JS file

You correctly created and served a basic HTML form directly via `resp.write()`:

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

http
  .createServer((req, resp) => {
    resp.writeHead(200, {
      "Content-Type": "text/html",
    });
    resp.write(`
      <form action="/submit" method="POST">
        <input type="text" placeholder="Enter username" name="name"
      />
```

```
    <input type="text" placeholder="Enter email" name="email" />
    <button>Submit</button>
  </form>
`);
resp.end();
})
.listen(3200);
```

This works fine, though you're not handling the actual POST data yet — just confirming routing works.

Conditional Handling of /submit

```
if (req.url === "/") {
  // form page
} else if (req.url === "/submit") {
  // confirmation message
}
```

This conditional routing is correct for handling basic URL-based navigation.

Using a separate form.html file

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
  <title>Form page</title>
</head>
<body>
  <form action="/submit" method="POST">
    <input type="text" placeholder="Enter username" name="name" />
```

```
<input type="text" placeholder="Enter email" name="email" />
<button>Submit</button>
</form>
</body>
</html>
```

Perfectly structured form with POST method and inputs.

Load HTML File via fs

```
const http = require('http');
const fs = require('fs');

http.createServer((req, resp) => {
  fs.readFile('html/form.html', 'utf-8', (error, data) => {
    if (error) {
      resp.writeHead(500, { "content-type": 'text/plain' });
      resp.end('internal server error');
      return;
    }

    resp.writeHead(200, { "content-type": 'text/html' });

    if (req.url == '/') {
      resp.write(data);
    } else if (req.url == '/submit') {
      resp.write('<h1>Data submitted</h1>');
    }

    resp.end();
  });
}).listen(3200);
```

Everything is correct:

Loads HTML file when GET /

Shows confirmation message when `/submit` is requested

Responds with correct headers

Properly handles `fs.readFile` errors

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