Render html elements and forms

Node JS Tutorial in Hindi #27 Render html elements and forms

In this tutorial

Render basic HTML elements

Create and display a login form

Handle POST requests

Import HTML from other files and serve them using Express.js

Setup Express

Start by importing `express` and creating an app instance:

```
import express from "express";
```

```
const app = express();
```

Render Basic Element on Home Page

```
app.get("/", (req, resp) => {
  resp.send("<h1>Home Page</h1>");
});
```

This will render a simple **Home Page** when you visit `http://localhost:3200/`.

Make and Render a Login Form

```
app.get("/login", (req, resp) => {
  resp.send(`<form action="/submit" method="post">
          <input type="text" placeholder="name">
          <br/>
          <br/>
          <input type="password" placeholder="Enter Password">
          <br/>
          <br/>
          <button>Login</button>
          </form>`);
});
```

Visit `http://localhost:3200/login` to view a basic login form.

Handle POST Request (Form Submission)

```
app.post("/submit", (req, resp) => {
  resp.send(`<h1>Data Sumitted</h1>`);
```

```
});
```

When the form is submitted, this route handles the POST request and returns a success message.

Import HTML Elements From Other Files

Organize our HTML into separate files and import them.

home.js

```
export default function home() {
  return "<h1>Home Page</h1> <a href='/login'>Go to Login</a>";
}
```

login.js

```
export default function login() {
  return `<form action="/submit" method="post">
          <input type="text" placeholder="name">
          <br/>
          <br/>
          <input type="password" placeholder="Enter Password">
          <br/>
          <br/>
          <button>Login</button>
          <a href='/'>Go to Home</a>
          </form>`;
}
```

submit.js

```
export default function submit() {
```

```
    return "<h1>Data Sumitted</h1> <a href='/'>Go to Home</a>";
  }
```

Final Code — `index.js`

```
import home from "./pages/home.js";
import login from "./pages/login.js";
import submit from "./pages/submit.js";

const app = express();

app.get("/", (req, resp) => {
  resp.send(home());
});
app.get("/login", (req, resp) => {
  resp.send(login());
});

app.post("/submit", (req, resp) => {
  resp.send(submit());
});

app.listen(3200, () => {
  console.log("Server is running on port 3200");
});
```

Visit / to see the home page.

Visit /login for the login form.

Submit the form and it will show the confirmation from /submit.

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