6. Dynamic content

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script>

        function start(){

            const myBody = document.getElementsByTagName("body")[0];

            const myTable = document.createElement("table");

            const myTableBody = document.createElement("tbody");

            for (let j = 0; j < 3; j++) {

                const myCurrentRow = document.createElement("tr");

                for (let i = 0; i < 4; i++) {

                    const myCurrentCell = document.createElement("td");

                    const currentText = document.createTextNode(`cell is row ${j} column ${i}`);

                    myCurrentCell.appendChild(currentText);

                    myCurrentRow.appendChild(myCurrentCell);

                }

                myTableBody.appendChild(myCurrentRow);

            }

            myTable.appendChild(myTableBody);

            myBody.appendChild(myTable);

            myTable.setAttribute("border", "2");

        }

    </script>

</head>

<body onload="start()">

</body>

</html>

7. Node.js simple application

var http= require('http');

http.createServer( function(req,res){

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

    res.end('Hello World');

}).listen(8080);

8. React js app

import logo from './logo.svg';

import './App.css';

function App() {

  return (

    <div className="App">

      <header className="App-header">

        <img src={logo} className="App-logo" alt="logo" />

        <h1>Hello</h1>

        <p> This is the student form</p>

        <form>

          <label>

            Name:

            <input type="text" name="name" />

            </label><br></br><br></br>

            <label>

              Email:

              <input type="email" name="email" />

              </label><br></br><br></br>

            <label>

              Phone:

              <input type="text" name="phone no"/>

            </label><br></br><br></br>

            <input type="submit" value="Submit" ></input>

        </form>

      </header>

    </div>

  );

}

export default App;

1. npx create-react-app appname
2. cd appname
3. npm start

9 Express

step 1- Initialize a new Node.js project:

mkdir form-handling

cd form-handling

npm init -y

npm install express

step 2-create filename.js

const express = require('express');

const bodyParser = require('body-parser');

const app = express();

const port = 3000;

app.use(bodyParser.urlencoded({ extended: true }));

app.get('/', (req, res) => {

  res.send(`

    <h1>Simple Form</h1>

    <form action="/submit" method="post">

      <label for="name">Name:</label><br>

      <input type="text" id="name" name="name"><br>

      <label for="email">Email:</label><br>

      <input type="email" id="email" name="email"><br><br>

      <button type="submit">Submit</button>

    </form>

  `);

});

app.post('/submit', (req, res) => {

  const { name, email } = req.body;

  res.send(`

    <h1>Form Submitted Successfully</h1>

    <p>Name: ${name}</p>

    <p>Email: ${email}</p>

    <a href="/">Go back to form</a>

  `);

});

app.listen(port, () => {

  console.log(`Server is running on http://localhost:${port}`);

});

step 3-run the server