

```
1 import express from 'express';
2 import cors from 'cors';
3 import mongoose from 'mongoose';
4 import dotenv from 'dotenv';
5 import userRoutes from './routes/userRoutes.js';
6
7 dotenv.config();
8
9 const app = express();
10 app.use(cors());
11 app.use(express.json());
12
13 mongoose.connect(process.env.MONGO_URI)
14   .then(() => console.log("MongoDB Connected"))
15   .catch(err => console.error("Mongo Error:", err));
16
17 app.use('/api', userRoutes);
18
19 const PORT = process.env.PORT || 5000;
20 app.listen(PORT, () => console.log("Server running on port ${PORT}"));
21
```

```
1 import { useEffect, useState } from 'react';
2
3 const API = 'http://localhost:5000/api';
4
5 function App() {
6   const [username, setUsername] = useState('');
7   const [password, setPassword] = useState('');
8   const [users, setUsers] = useState([]);
9
10  const fetchUsers = async () => {
11    const res = await fetch(`${API}/users`);
12    const data = await res.json();
13    setUsers(data);
14  };
15
16  const register = async () => {
17    const res = await fetch(`${API}/register`, {
18      method: 'POST',
19      headers: { 'Content-Type': 'application/json' },
20      body: JSON.stringify({ username, password })
21    });
22    alert((await res.json()).message);
23    fetchUsers();
24  };
25
26  const login = async () => {
27    const res = await fetch(`${API}/login`, {
28      method: 'POST',
29      headers: { 'Content-Type': 'application/json' },
30      body: JSON.stringify({ username, password })
31    });
32    alert((await res.json()).message);
33  };
34
35  const deleteUser = async (username) => {
36    await fetch(`${API}/user/${username}`, { method: 'DELETE' });
37    fetchUsers();
38  };
39}
```

