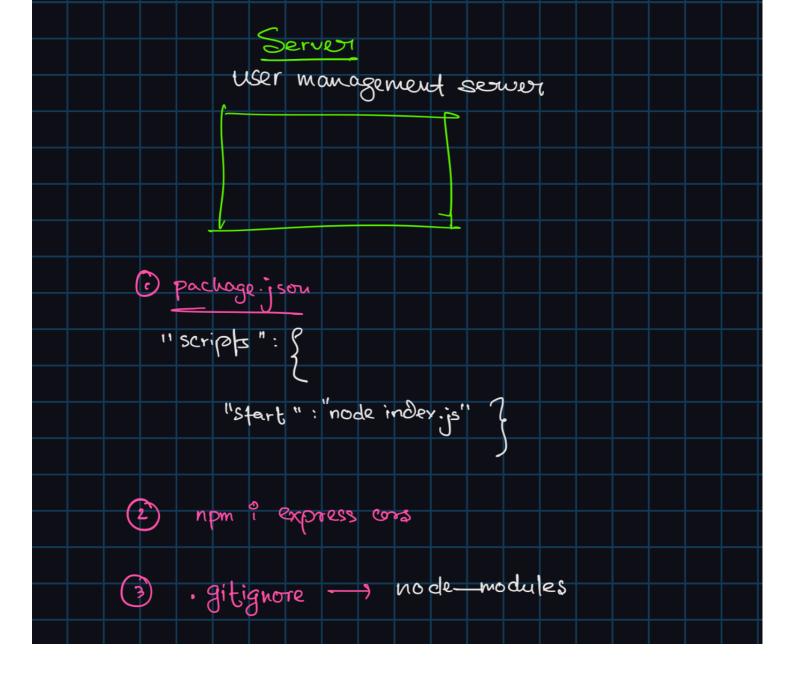
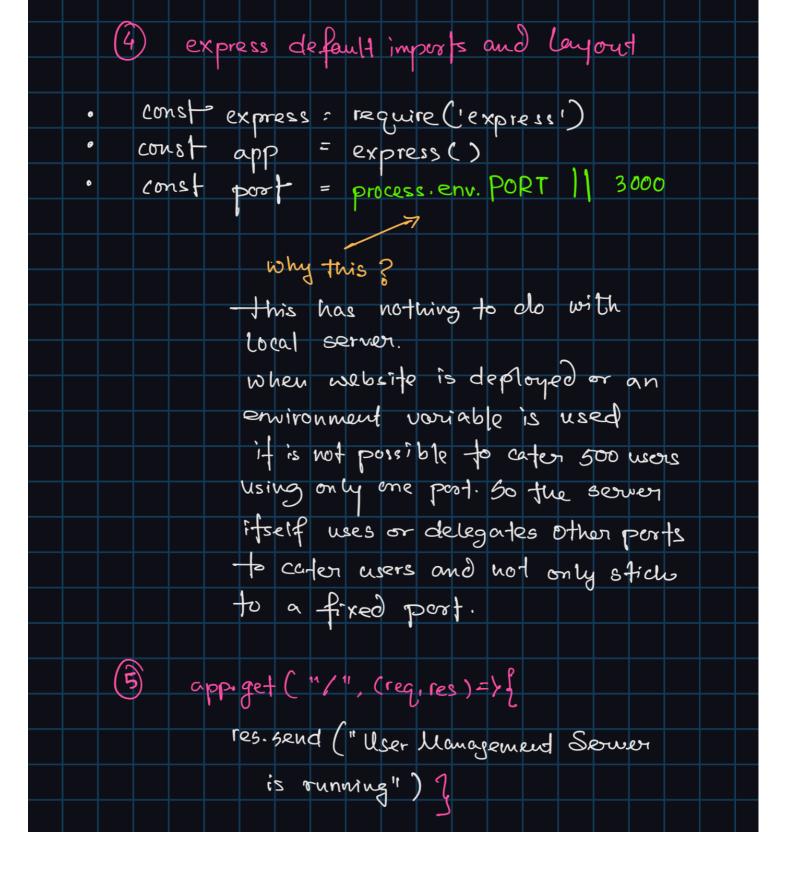
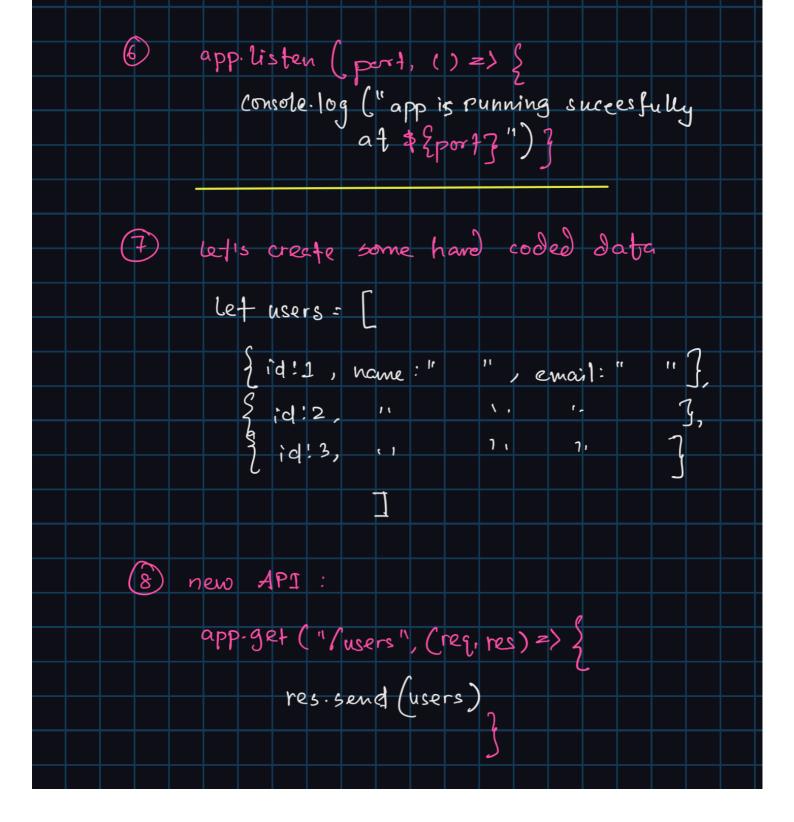
06-Install Node-Express And Use Fetch To Load Data

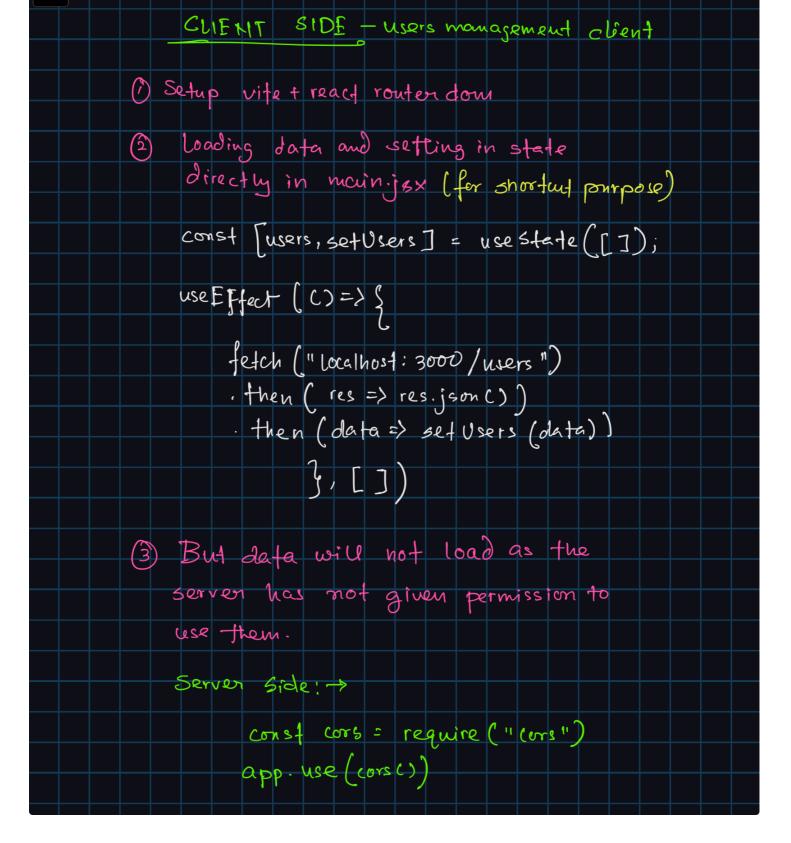
tip: Together to install both express and cors at the same time:

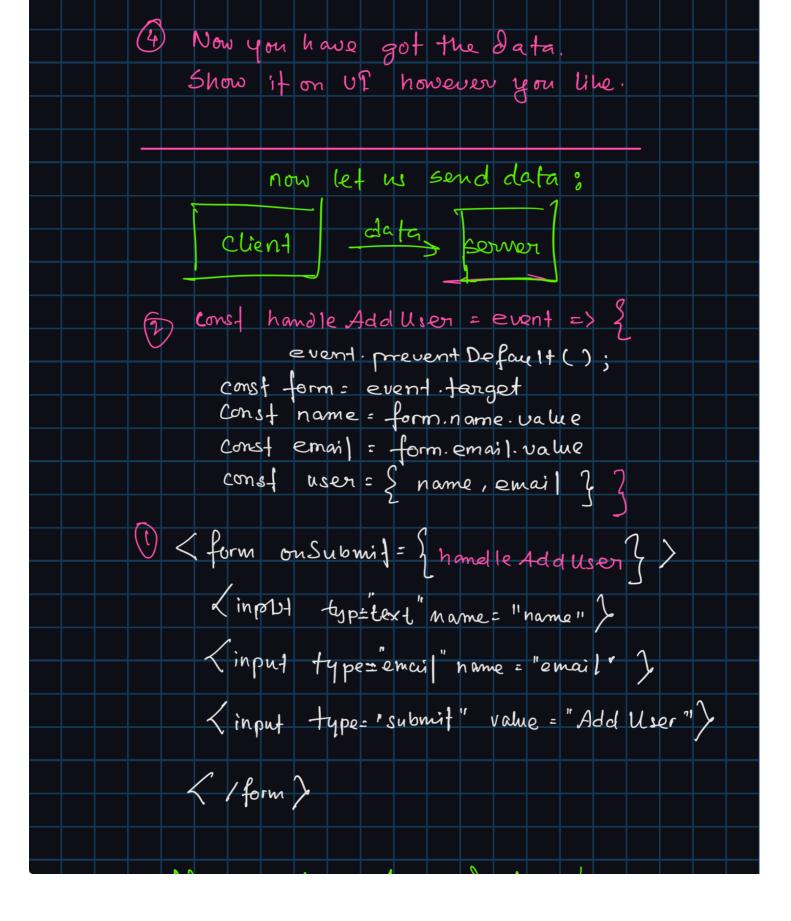
npm i express cors

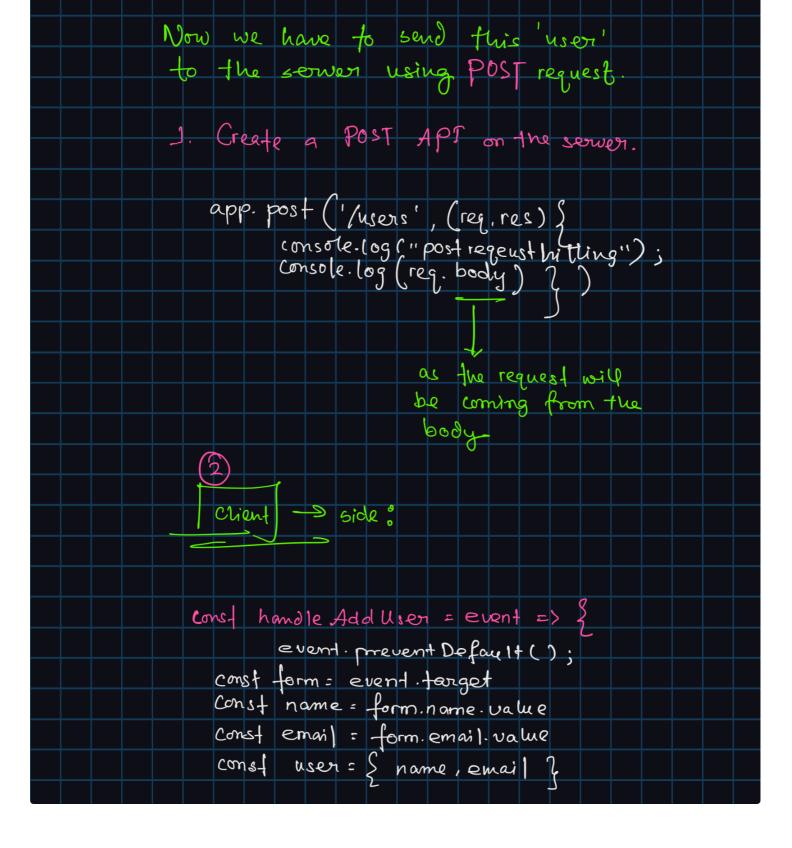


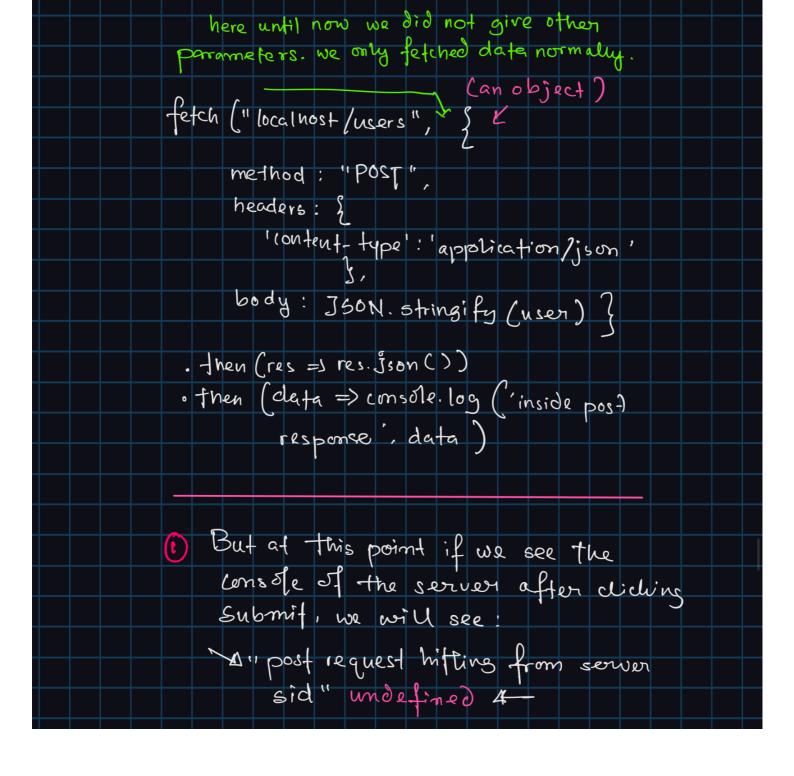


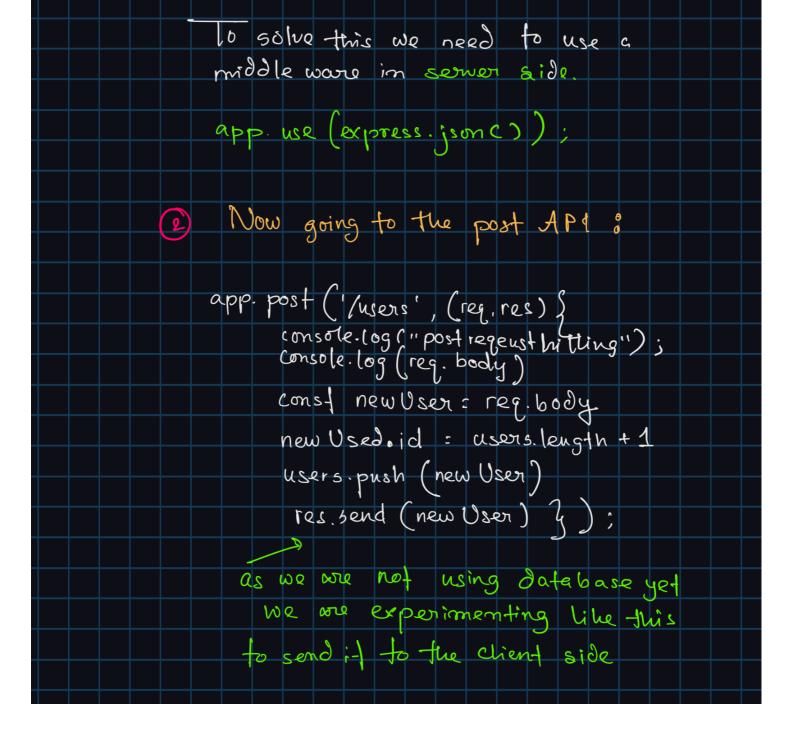


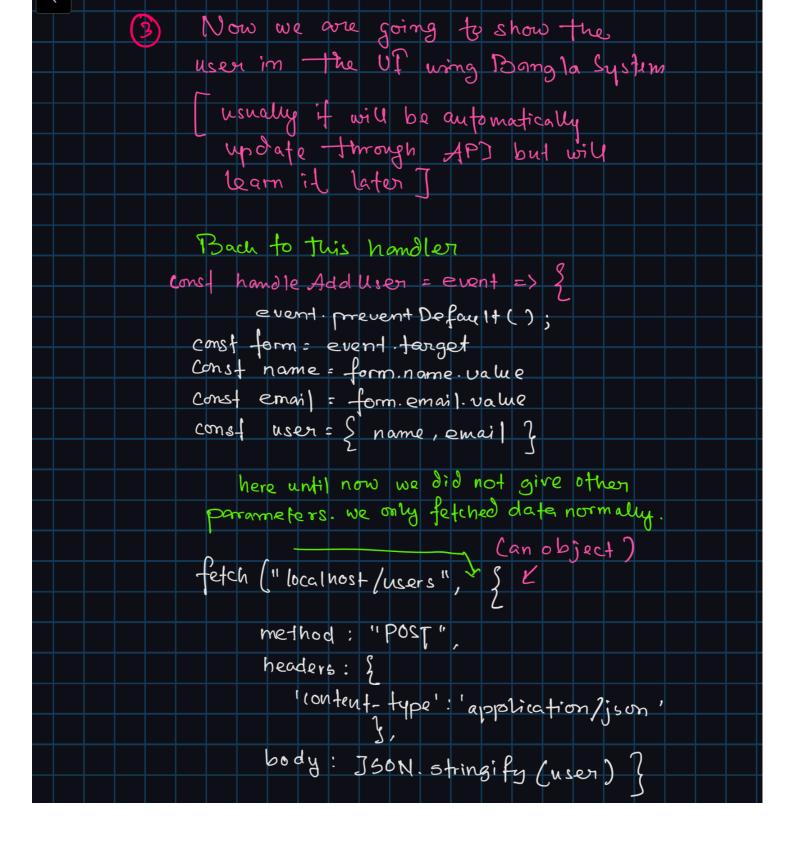


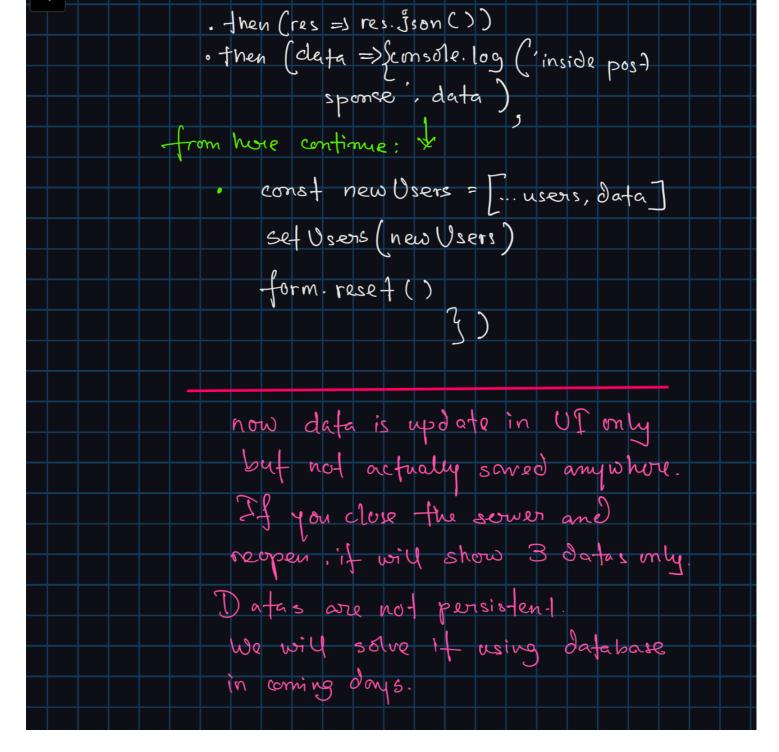












Server Side:

index.js

```
app.get("/", (req, res) => {
   res.send("Server is running successfully");
});
app.get("/users", (req, res) => {
   res.send(users);
});
app.post("/users", (req, res) => {
   console.log("post request hitting from server side");
   console.log(req.body);
   const newUser = req.body;
   newUser.id = users.length + 1;
   users.push(newUser);
   res.send(newUser);
});
app.listen(port, () => {
   console.log(`app running at port: ${port}`);
});
```

Client Side:

App.jsx:

```
import { useEffect, useState } from "react";
import "./App.css";
function App() {
   const [users, setUsers] = useState([]);
   useEffect(() => {
      fetch("http://localhost:3000/users")
         .then((res) => res.json())
         .then((data) => setUsers(data));
   }, []);
   const handleAddUser = (event) => {
      event.preventDefault();
      const form = event.target;
      const name = form.name.value;
      const email = form.email.value;
      const user = { name, email };
      console.log("normally loggin user: ", user);
      fetch("http://localhost:3000/users", {
         method: "POST",
         headers: {
            "content-type": "application/json",
         body: JSON.stringify(user),
      })
         .then((res) => res.json())
```

```
.then((data) => {
           console.log(data);
           const newUsers = [... users, data];
           setUsers(newUsers);
           form.reset();
        })
        .catch((err) => console.log(err));
  };
  return (
        <h1>User Management System</h1>
        <form onSubmit={handleAddUser}>
           <input type="text" name="name" placeholder="name" />
           <input type="email" name="email" placeholder="email" />
           <br />
           <input type="submit" value="Add User" />
        </form>
        <h3>Number of users: {users.length}</h3>
        {users.map((user) => {
           return (
              {user.id} : {user.name} : {user.email}
              );
        })}
     </>
  );
}
export default App;
```