

S1: Home.js

```
import { useState, useEffect } from "react";
import axios from "axios";
import NavBar from "../NavBar";

function Home()
{
    const [info, setInfo] = useState([]);

    useEffect( ()=>{
        let url = "http://localhost:9000/get";
        axios.get(url)
        .then(res => setInfo(res.data))
        .catch(err => console.log(err));
    });

    const delStu = (rno ) => {
        let url = "http://localhost:9000/remove";
        let d = { data : {rno}};
        axios.delete(url , d)
        .then(res => {
            alert("record deleted ");
            window.location.reload();
        })
        .catch( err => alert("issue " + err) );
    }

    return(
        <>
        <center>
            <NavBar/>
            <h1> Home Page </h1>
            <table border="5" style={{width:"50%"}}>
                <tr>
                    <th> Rno </th>
                    <th> Name </th>
                    <th> Marks </th>
                    <th> Delete </th>
                    <th> Update </th>
                </tr>
            </table>
        </center>
    )
}
```



```

{
  info.map( (e)=>(
    <tr>
      <th> { e._id } </th>
      <th> { e.name } </th>
      <th> { e.marks } </th>
      <td>    <button
onClick = { () =>{ if (window.confirm('r u sure??')) delStu(e._id) } }>
        Delete </button> </td>

      <th> <button> Update </button> </th>
    </tr>

  ))
}
</table>
</center>
</>
);
}
export default Home;

```


S2: index.js

```
const express = require("express");
const cors = require("cors");
const { MongoClient } = require("mongodb");

const app = express();
app.use(cors());
app.use(express.json());

app.post("/save", (req, res) => {
  const url = "mongodb://0.0.0.0:27017";
  const client = new MongoClient(url);
  const db = client.db("sms17april24");
  const coll = db.collection("student");
  const record = { "_id": req.body.rno, "name" : req.body.name, "marks":req.body.marks };
  coll.insertOne(record)
    .then(result => res.send(result))
    .catch(error => res.send(error));
});

app.get("/get", (req, res) => {
  const url = "mongodb://0.0.0.0:27017";
  const client = new MongoClient(url);
  const db = client.db("sms17april24");
  const coll = db.collection("student");
  coll.find({}).toArray()
    .then(result => res.send(result))
    .catch(error => res.send(error));
});

app.delete("/remove", (req, res) => {
  const url = "mongodb://0.0.0.0:27017";
  const client = new MongoClient(url);
  const db = client.db("sms7april24");
  const coll = db.collection("student");
  const data = { "_id": req.body.rno };
  coll.deleteOne(data)
    .then(result => res.send(result))
    .catch(error => res.send(error));
});

app.listen(9000, () => { console.log("ready @ 9000"); });
```