

S1: index.js

```
:
app.put("/modify", (req, res) => {
  let data = [req.body.name, req.body.marks, req.body.rno];
  let sql = "update student set name=?, marks=? where rno=?";
  con.query(sql, data, (err, result) =>{
    if (err)      res.send(err);
    else          res.send(result);
  });
});
:
```

S2: Home.js

```
import NavBar from "./NavBar";
import { useState, useEffect } from "react";
import axios from "axios";
import { useNavigate } from "react-router-dom";

function Home()
{

  const [info, setInfo] = useState([]);

  useEffect( () => {
    let url = "http://localhost:9000/get";
    axios.get(url)
      .then(res => setInfo(res.data))
      .catch(err => alert("issue " + err));
  }, []);

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

  const nav = useNavigate();

  const updateStu = (rno, name, marks) => {
    nav("/update", { state: {rno, name, marks}});
  }
}
```



```

return(

<>
<center>
  <NavBar/>
  <h1> Home Page </h1>
  <table border="5" style={{ "width":"80%" }}>
    <tr>
      <th> Rno </th>
      <th> Name </th>
      <th> Marks </th>
      <th> Delete </th>
      <th> Update </th>
    </tr>

    {
      info.map( (e) => (
        <tr style={{ "text-align":"center"}}>
          <td> { e.rno } </td>
          <td> { e.name } </td>
          <td> { e.marks } </td>
          <td> <button onClick={ () => {
            if ( window.confirm('r u sure ??')) delStu(e.rno)} } > Delete </button> </td>

          <td> <button onClick={ () => {
            updateStu(e.rno, e.name, e.marks)}} > Update </button> </td>
        </tr>
      ))
    }
  </table>
</center>
</>
);
}
export default Home;

```


S3: Update.js

```
import NavBar from "./NavBar";
import { useState, useRef, useEffect } from "react";
import axios from "axios";
import { useLocation } from "react-router-dom";

function Update()
{
    const rRno = useRef();
    const [rno, setRno] = useState("");
    const [name, setName] = useState("");
    const [marks, setMarks] = useState("");
    const [msg, setMsg] = useState("");

    const hRno = (event) => { setRno(event.target.value); }
    const hName = (event) => { setName(event.target.value); }
    const hMarks = (event) => { setMarks(event.target.value); }

    const loc = useLocation();
    useEffect( () => {
        setRno(loc.state.rno);
        setName(loc.state.name);
        setMarks(loc.state.marks);
    }, []);

    const save = (event) => {
        event.preventDefault();
        let data = { rno, name, marks };
        let url = "http://localhost:9000/modify";
        axios.put(url, data)
            .then(res => {
                setMsg("record Updated");
                setRno("");
                setName("");
                setMarks("");
                rRno.current.focus();
            })
            .catch(err => setMsg("issue " + err));
    }

    return(
        <>
        <center>
            <NavBar/>
            <h1> Update Page </h1>

            <form onSubmit={save} >
                <input type="number" placeholder="enter rno "
                    onChange={ hRno } value={rno} ref={rRno} disabled={true}/>
            </form>
        </center>
    )
}
```



```
<br/><br/>
<input type="text" placeholder="enter name "
onChange={ hName } value={name} />
<br/><br/>
<input type="number" placeholder="enter marks "
onChange={ hMarks } value={marks} />
<br/><br/>
<input type="submit" value="Update" />
<br/><br/>
</form>
<h2> { msg } </h2>
</center>
</>
);
}
export default Update;
```