유다현 과제

```
2022-05-24
```

Index.js

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import App from './App';
import {BrowserRouter} from "react-router-dom";
import {Provider} from "react-redux";
import store from "./store";
const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <Provider store={store}>
   <BrowserRouter>
   <App />
   </BrowserRouter>
    </Provider>
 </React.StrictMode>
);
```

App.js

```
</div>
);
});
export default App;
```

Car.js

```
import React, { memo } from 'react';
import {getTraffic} from "../slice/CarSlice";
import Table from "../components/Table";
import Spinner from "../components/Spinner";
import {useSelector,useDispatch} from "react-redux";
const car = memo(() => {
   const {data,loading,error} = useSelector((state)=>state.car);
   const [targetDt, settargetDt] = React.useState("");
   const dispatch = useDispatch();
   React.useEffect(()=>{
        dispatch(getTraffic(targetDt?{params:{year:targetDt}}: null))
   },[dispatch,targetDt])
   const onSelectChange = React.useCallback((e)=>{
        e.preventDefault();
        settargetDt(parseInt(e.target.value));
        console.log(parseInt(e.target.value))
   },[]);
    return (
       <div>
            <Spinner loading={loading}/>
            <select onChange={onSelectChange}>
                <option>--년도선택</option>
                \{[...new Array(2018 - 2005 + 1)].map((v,i) => \{
                        return (<option key={i} value={2005 + i}>{2005 +
i} 년도
                    </option>);
                })}
            </select>
            {error ? (
                    에러입니다.
                </>
            ):(
               <Table>
                   <thead>
```

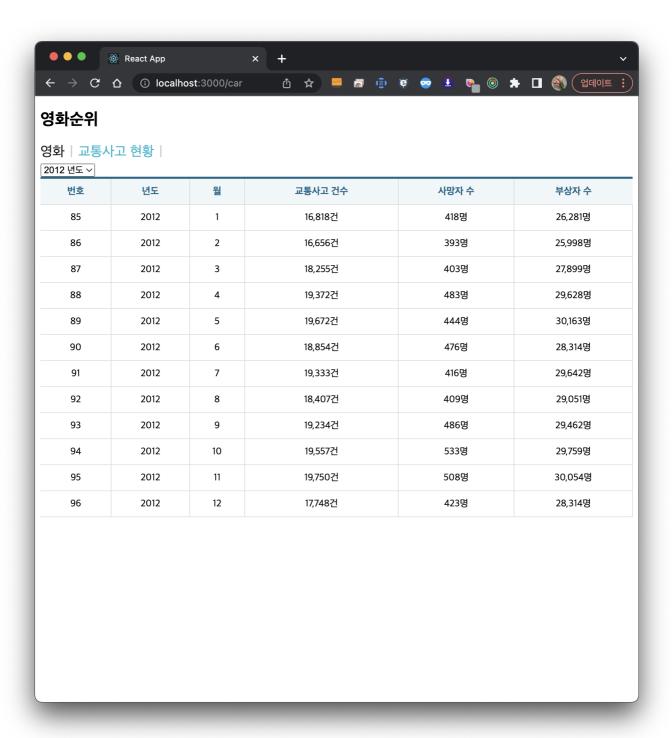
```
번호
                 년도
                 월
                 교통사고 건수
                 사망자 수
                 부상자 수
              </thead>
           {
                data\&data.map((v,i)=>{
                   return(
                     {v.id}
                        {v.year}
                        {v.month}
                        {v.accident.toLocaleString()}건
{v.death.toLocaleString()}명
{v.injury.toLocaleString()}명
)
                })
              }
           </Table>
       ) }
    </div>
  );
});
export default car;
```

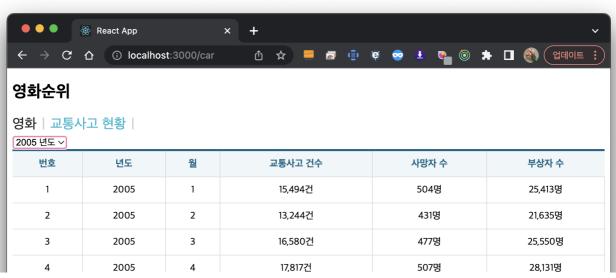
CarSlice.js

```
import {createSlice,createAsyncThunk} from "@reduxjs/toolkit";
import axios from "axios";

//비동기 처리 함수 구현//
//payload는 이 함수를 호출 할 때 전달되는 파라미터
export const getTraffic = createAsyncThunk("CarSlice/getTraffic",async
(payload,{rejectWithValue})=>{
   let result = null;
   try{
```

```
result = await
axios.get("http://localhost:3001/traffic_acc",payload);
    }
    catch(e){
        result = rejectWithValue(e.reponse);
    }
    return result;
})
const CarSlice= createSlice({
    name: "car",
    initialState:{
        data:null,
        loading: false,
        error:null
    },
    reducers:{},
    extraReducers:{
        [getTraffic.pending]:(state,{payload})=>{
            return {...state,loading:true}
        },
        [getTraffic.fulfilled]:(state,{payload})=>{
            return{
                data:payload?.data,
                loading: false,
                error:null
            }
        },
        [getTraffic.rejected]:(state,{payload})=>{
            return{
                data:payload?.data,
                loading: false,
                error:{
                    code:payload?.status? payload.status : 500,
                    message:payload?.statusText ?
payload.extraReducers:"Server Error"
                }
            }
        }
   }
});
export default CarSlice.reducer;
```





5	2005	5	19,085건	571명	29,808명
6	2005	6	18,092건	476명	28,594명
7	2005	7	18,675건	528명	29,984명
8	2005	8	19,035건	562명	31,603명
9	2005	9	18,759건	577명	29,831명
10	2005	10	19,757건	639명	31,597명
11	2005	11	19,129건	574명	30,337명
12	2005	12	18,504건	530명	29,750명