|  |  |
| --- | --- |
| **React Commads** | |
| Description | Commands |
| To Install react cli on computer (-g stands for golbal) | npm install -g create-react-app |
| Create new project | npx create-react-app projectname |

**Arrow function**: ES6 version of TypeScript provides an arrow function which is the shorthand syntax for defining the anonymous function

|  |
| --- |
| Syntax |
| const functionName = (parameter) {  Alert(“Hi”)  } |

**useState Hook** : The React useState Hook allows us to track state in a function component. State generally refers to data or properties that need to be tracking in an application.

* By using useState react re-render function
* We can anything in useState ( array, Number,Boolean,String)

|  |
| --- |
| Ex. |
| const [headers , setHeader] = useState([  "studentId",  "studentName",  "Calender"  ]) |
| Note:  In this example headers is *getter* and setHeader is *setter*  *Getter =* Is which gets the data  *setter =* Is which gets the data |

Table header sorting:

|  |
| --- |
| Event.target |
|  |

Import component into component/routes.tsx