**Format the vs code using shift/Alt/F**

**React js**

* **Props used so we can pass the customized objects from the main component.**
* **For instance, I have 3 textviews so instead of creating 3 views in HTML, I can create a component and use the react props so the object will contain the attributes and values associated with it and displays them(using react props we can save a lot of code)**
* **We can use reusable components (one component for multiple user inputs)**

**React routing:**

* **Install routing package- use terminal and command npm install react-router-dom**
* **Import {browseroute} from ‘react-router-dom’ to browse between components and wrap it**

**around the <app/> component in index.js file**

* **import {route} from ‘react-router-dom’ so we can define the path in the local host url**

**When we navigate from one page to another**

**Suppose if my path for base component is path=‘/’ then child component has path=‘/newmeetup’**

**Then in this case the base component will be rendered and also the child component is rendered**

**So to overcome this and render only one specific component at a time we use switch.**

**Import{route,Switch} from ‘react-router-dom’**

**We use a prop called exact in <route path=’/favourites’ exact={true}/> so it will check the whole path instead of checking partial path and rendering that component.**

**Code:**

<Switch>

<Route path='/' exact={true}><AllMeetup/></Route>

<Route path='/new\_meetup'>

<NewMeetuppage/>

</Route>

<Route path='/favourites'>

<Favourite/>

</Route>

</Switch>

**Props.children:**

**Here the will be referred as the child elements in the component. It can be mostly used when we have page routing. So if the parent component wants to render different components based on the routing then we can call the respective components in the parent component by specifying the {props.children}**

Where to store my data to exchange data between the pages?

I use Firebase Opensource platform to send the API requests to store and retrieve the data using http verbs. We can use the get , post, delete operations on the data.

We need to connect the firebase by storing the request link to a variable and use javascript fetch this link. I can then post my data in the form of json data which is the second argument in the fetch attributes.

Hooks:

1)useHistory : it is used to go back to the history state so we can create a constant variable and use this hook so it can be used javascript function after fetch , then(()=>{})