Name:
Eth Kimchhay   ReactJS Assignment   Date: 10, May 2022
                                      Answer

1. useState is a hook that allows the state of variables in functional components. When passing the initial state to the function and it returns a variable with the current state value (not necessarily the initial state) and another function to update this value.

2. useEffect is a hook that allows performing side effects in components and its performance is such as changing data, fetching data, etc. It also accepts two arguments that the second argument is optional with a basic form like useEffect(<function>, <dependency>).

3. useCallback is a memoized callback that works like at the beginning it starts as a function with having a return value and when we want to create another function within return a new value so it can add a new parameter to it and the result will re-create a new function with the new value when re-render.

4. useMemo is memoized hook. It works as when we need to fix performance issue which is late or fast depending on the performance. It start with function that consist returning value but not a function.

5. React.lazy is a function that allows us to render a dynamic import as a general component. This dynamic import might be a code-splitting that is central to lazy loading and it eliminates. For instance, we use it to await or to load between two renderings or two pages.

6. ReactJS project is in GitHub.