**Hooks**

* Hooks are mainly used for the UI updation.
* If we have many variables and we need to update all these variable at same time then we need hooks.
* There are many types of hooks are available – useState (), useRef (), useEffect (), useContext (), etc.
* **useState () –** Whenever we need a variable to update at many places and that will change over times eg. Counter, user input.
* **useEffect () –** Anytime you want something to happen “after” the component renders eg. API Calls, timers, logging.
* **useContext () –** When you need to share data across multiple components without passing the props though each component.
* **useReducer () –** When we need to update complex state like toggling multiple values or if the state depends on the previous state values.
* **useRef () –** For accessing DOM elements directly or storing values that don’t need to trigger a re-render eg. Timers, previous values.
* **useMemo () –** For performance optimization when a calculation is complex or data-intensive.