**React JS:**

1. **What is React JS?**

* React is a JavaScript library.
* Use fro front end development with good speed.
* Developed by Facebook.
* The Current version is 18.1.0

1. **What is Component?**

* A piece of code that can reuse like function.
* But more powerful than function.
* 2 types of component :
* Class component & Functional Component.

1. **What is Class component?**

* A Component that has ES6 class.
* More Complex and powerful than functional component.
* Because it has a lifecycle method and state.
* No use to use hook.

1. **What is Functional Component?**

* A component that has no ES6 class. It uses a simple JS function.
* Simple and need hooks for performing state and life cycle methods.
* Simple to define and recommended.

1. **What is State?**

* Information holder inside component and it store any data like a variable
* When we update state component will re-render again but not in case of variable.
* We cannot use state outside to component.

1. **What is Props?**

* Share data between two components.
* We can send data parent-to-child, child-to-parent and in sibling component.
* We cannot change props in receiving component.

1. **What are the Hooks?**

* Functional component do not have state and life cycle method.
* To use state and life cycle method we can import in functional component
* We cannot use hooks inside the functional component

1. **What** **are** **the** **useState** ?

* This is a hook for use state in functional component
* **Example :**
* const [curreentValue, setUpdatedvalue] = usestate(initialValue);

1. **What** **are** **the** **useEffect ?**

* This is a hook for use lifecycle method in a functional component
* **Example :**
* useEffect(() => {

//some code

});

1. **What is the Life Cycle of Method?**

* Some method will execute on the component

Mount, update and unmount we call them life cycle method.

* **Example :**

componentDidMount,

componentDidUpdate,

shouldComponentUpdate