**MODULE: 4 (List and Hooks)**

**1-Explain Life cycle in Class Component and functional component with Hooks**

**Ans.** Component LifeCycle In React in Class Component

1.componentDidMount(){} // birth// run when component ready to use

=>Means Component Call means mount / use

2. componentDidUpdate(){} // marriage// run when any update in comp

=>Means Component Remove from screen means end

Example

constructor(){

super();

this.state={

isshowing: false

}

}

render() {

return (

<div className=’container’>

<button onClick={()=>this.setState({isshowing:true})}>Show</button>

<button onClick={()=>this.setState({isshowing:false})}>Hide</button>

<button onClick={()=>this.setState({isshowing:!this.state.isshowing})}>Hide/Show</button>

{

This.state.isshowing ?<ImgComp/>:null

}

</div>

)

}

Life Cycle in Func Component

1. useEffect(()=>

{ console.log('didmount');

},[]);

2. DidUpdate

useEffect(()=>{

console.log('didmount/Update');

},[number]);

3. WillUnmount

useEffect(()=>{

console.log('didmount'); // work when load component

return()=>{console.log('Component destroy');} // work when component destroy

},[]);