# MODULE: 4 (List and Hooks)

Q-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

**componentDidUpdate(){}** // marriage// run when any update in compo

=>Means Component setState means state update or Update

**componentWillUnmount(){**}// end // run when component remove

=>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

  },[]);