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 compo

   =>Means Component setState means state update or Update

3.   componentWillUnmount(){}// end // run when component remove

   =>Means Component Remove from screen means end

Example

```
constructor(){
    super();
    this.state={
        isshowing: false
    }
}
```

```jsx
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

  },[]);
```