MODULE: 10 List and Hooks

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

ANS :**componentDidMount()**{} // birth// run when component ready to use

=>Means Component Call means mount / use

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

=>Means Component setState means state update or Update

2) **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 Compo

Didmount

```
useEffect(()=>{
    console.log('didmount');
  },[]);
```

DidUpdate

```
useEffect(()=>{
    console.log('didmount/Update');
  },[number]);
```

WillUnmount

```
useEffect(()=>{
    console.log('didmount');    // work when load component
    return()=>{console.log('Component destroy');} // work when component
destroy
  },[]);
```