**Props in React**

1. Props stands for Properties

2. Props are used for transfer data from parent to child comp

3. Props are read-only and immutable

4. In functional Comp - {props.propsName}

5. In class based comp - {this.props.propsName}

6. Props are passed in JSX as a html attribute

**Props Drilling -**

1. Props drilling is a process in which we have to pass a data from parent comp to child comp to a deeply nested child comp through a multiple intermediate comp.

2. Each intermediate comp passes the props down to the next comp.

**Context in React -**

1. To avoid props drilling in React we use Context API

2. Context is used for transfer your props or data from parent comp to child comp or final comp without passing down the

props at every entry level of React comp

3. In Context, react provide one method called createContext()

a. Context have two parameters -

i. Provider - Parent Comp i.e App.js

ii. Consumer - Child Comp

b. In Context, we use Provider component and it wrap around the child comp

c. In context, we use value keyword for transferring the data

useContext () hook -

1. Hooks are like a predefined function

2. This hooks has its own syntax

3. Hooks are only used in functional comp

4. Hooks are always implement within a comp

5. Hooks are introduced in React vl 6.8

6. useContext() -

syntax - const context\_variable = useContext(ContextName)