1: Write a brief about the differences between props and state? When do we use each?

The key difference between props and state is that state is internal and controlled by the component itself while props are external and controlled by whatever renders the component.

If a Component needs to alter one of its attributes at some point in time, that attribute should be part of its state

Props does not allow to alter data with in component, it has read only property

2: What are the limitations of props?

Whether you declare a component [as a function or a class](https://reactjs.org/docs/components-and-props.html" \l "function-and-class-components), it must never modify its own props.

Such functions are called [“pure”](https://en.wikipedia.org/wiki/Pure_function" \t "https://reactjs.org/docs/_blank) because they do not attempt to change their inputs, and always return the same result for the same inputs.