

Assignment 1

① what exactly do you mean when you say "prop. drilling" and how do you avoid it.

Ans Prop drilling refers to the process of sending props from a higher level component to a lower level component.

Prop drilling is the process by which we can pass data from one part of the React component tree to another by going through other part that do not need the data but only help in passing it around.

we can avoid the problem using Component Composition.

② In React JS, how do you add validation to props?.

Ans App. propTypes is used for props validation in the React component.

Syntax

```
class App extends React.Component {
  render() {}
}
```

```
Component.propTypes = { /* Definition */ };
```

③ Is it possible to use classes in Node JS?

Ans Yes, it is possible to use classes in Node JS, by extending real classes.

④ What is the purpose of `super(props)?`
→ `super(props)` would pass props to the parent constructor.

* `super(props)` would call the `React.Component` constructor passing in props as the argument.

Ans ⑤ Why are the express app and server separated?
The express app and server are separated to reduce coupling and to encapsulate and abstract the inside logic of application.