

## Q1: What are the differences between uncontrolled and controlled components?

Answer: Controlled components are those whose data is managed by react on other words react monitors the data user user put and by that we can easily validate the data it gives us more control over data. Where on the other hand Uncontrolled components are those which is managed by DOM and react does not have direct control over the data. It does not give us as much freedom over data as react Controlled components does

## Q2: How to validate React props using PropTypes

Answer: To validate react props first we have to install prop types than we have to import prop type than we have to declare the prop type like [in the component where i am using props]

- `components.propTypes = {propsObjectName : PropTypes.number}`

By doing that if a props is send by the name (name) it's value must be a number or it will give an warning

- **Note:** There will be a second bracket covering the whole `components.propTypes` value

## Q3: What is the difference between nodejs and express js?

Answer: Node JS allow us to run javascript code outside of browser on the other hand Express JS is a framework for back end development which gives multiple tools to create API's

## Q4: What is a custom hook, and why will I create a custom hook?

Answer: Custom hook is a react hook which is created by us. The reason l or we should use custom hook is because it can be reusable like a function.