



Most common **ReactJS** Interview Questions

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What are the
differences
between
Functional
and **Class**
Components

?

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Declaration

Functional Components :

Functional components are nothing but JavaScript functions and therefore can be declared using an **arrow function** or the **function** keyword.

Class Components :

Class components on the other hand, are declared using the **ES6** class.





Handling Props



```
function StudentInfo(props){  
  return(  
    <div className="main">  
      <h2>{props.name}</h2>  
      <h4>{props.rollNumber}</h4>  
    </div>  
  )  
}
```



```
function StudentInfo extends React.Component{  
  constructor(props){  
    super(props);  
  }  
  render(){  
    return(  
      <div className="main">  
        <h2>{this.props.name}</h2>  
        <h4>{this.props.rollNumber}</h4>  
      </div>  
    )  
  }  
}
```

In **functional** components, the handling of props is pretty **straight forward**.

As we can see in the code, **this** keyword is used in the case of **class** components.





Handling State

Functional Components :

Functional components use **React hooks** to handle state. It uses the useState hook to set state of a variable inside the component.

Class Components :

To update state, we use a special method called **setState** that is inherited from the base Component class. The setState method can take either an object or a function as the first argument.



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