



WEB TECHNOLOGIES

React.JS – Styling the Components

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React.JS – Styling the Components

Introduction



- Suppose we need to create the following letters using components
- Additionally, we have to style them differently by passing styling properties



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Initial Component

- The JSX is written as

```
<div>  
  <Letter>A</Letter>  
  <Letter>E</Letter>  
  <Letter>I</Letter>  
  <Letter>O</Letter>  
  <Letter>U</Letter>  
</div>
```

- And the component will be written as

```
<div>  
  {this.props.children}  
</div>
```



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Adding Style



- A hard-coded approach would be to create a style class called “letter” and adding the class property to the div returned as follows

```
<div className="letter">  
  {this.props.children}  
</div>
```

```
.letter {  
  background-color: #ffde00;  
  color: #333;  
  display: inline-block;  
  ...  
}
```



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Adding Style...(cntd.)

- Doing it the React way

```
class Letter extends React.Component {  
  render() {  
    var letterStyle = {  
      backgroundColor: "#ffde00",  
      color: "#333",  
      display: "inline-block",  
    };  
    return (  
      <div style={letterStyle}>  
        {this.props.children}  
      </div>  
    );  
  }  
}
```



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Adding Style...(cntd.)

- Adding custom background color, like we originally wanted it

```
ReactDOM.render(  
  <div>  
    <Letter bgcolor="#58B3FF">A</Letter>  
    <Letter bgcolor="#FF605F">E</Letter>  
    <Letter bgcolor="#FFD52E">I</Letter>  
    <Letter bgcolor="#49DD8E">O</Letter>  
    <Letter bgcolor="#AE99FF">U</Letter>  
  </div>,  
  destination  
var letterStyle = {  
  backgroundColor: this.props.bgcolor,  
  ...  
};
```





THANK YOU

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