LIFECYCLE HOOKS

LOGIN EXAMPLE

Header Tag Handler Class

```
class Header extends React.Component
{
  render()
  {
      return <h1>{this.props.text}</h1>;
  }
}
```

elledInput Tag Handler Class

```
class LabelledInput extends React.Component
{
  render()
  {
      return  <div>
              <label>{this.props.label}</label>
              <input type={this.props.type} name={this.props.name}>
              </input>
          </div>;
  }
}
```

Login Tag Handler Class

```
class Login extends React.Component
{
  componentDidMount()
  {
      console.log("Login Mounted");
  }
  componentWillUnmount()
  {
      console.log("Login Unmounted");
  }
  render()
  {
      return  <div>
              <Header text={this.props.header} />
              <form action={this.props.endpoint} method="POST">
                  <LabelledInput label="Username: " type="text" name="username"/>
                  <br/>
                  <br/>
                  <LabelledInput label="Password: " type="password" name="password"/>
                  <br/>
                  <br/>
                  <input type="submit" value="Go"></input>
              </form>
          </div>;
  }
}
```

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```
ReactDOM.render(
  <div>
      <Login header="Login1" endpoint="/one" />
  </div>,
  document.getElementById("root")
);
ReactDOM.render(
  <div>
      <h1>Bye</h1>
  </div>,
  document.getElementById("root")
);
```

Lab Instructions   ⌄

INDEX.HTML

```html
<script src="https://unpkg.com/react@16/umd/react.development.js" crossorigin></script>
<script src="https://unpkg.com/react-dom@16/umd/react-dom.development.js" crossorigin></script>
<script src="https://unpkg.com/babel-standalone@6/babel.min.js"></script>

<div id="root">
</div>

<script type="text/babel">

class Header extends React.Component
{
  render()
  {
      return <h1>{this.props.text}</h1>;
  }
}

class LabelledInput extends React.Component
{
  render()
```

ⓘ

```
ender()

    return  <div>
                <label>{this.props.label}</label>
                <input type={this.props.type} name=
{this.props.name} ></input>
            </div>;
  }
}

class Login extends React.Component
{

  componentDidMount()
  {
      console.log("Login Mounted");
  }

  componentWillUnmount()
  {
      console.log("Login Unmounted");
  }

  render()
  {
    return  <div>
                <Header text={this.props.header} />
                <form action={this.props.endpoint}
method="POST">
                    <LabelledInput label="Username: "
type="text" name="username"/>
                    <br/>
                    <br/>
                    <LabelledInput label="Password: "
type="password" name="password"/>
                    <br/>
                    <br/>
                    <input type="submit" value="Go"></input>
                </form>
```

```
                </div>;

}


ReactDOM.render(
  <div>
      <Login header="Login1" endpoint="/one" />
  </div>,
  document.getElementById("root")
);


ReactDOM.render(
  <div>
      <h1>Bye</h1>
  </div>,
  document.getElementById("root")
);


</script>
```