

Ajax Program

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AJAX Program – Showing reusability of inputting information without reloading the page so that there is no data loss and efficiency of the code can be maintained. Eg- using react

App.js (file)

```
import React, { Component } from 'react';

import './App.css';
import UserInput from './UserInput/UserInput'
import UserOutput from './UserOutput/UserOutput'

class App extends Component {

  state = {
    username: 'Anubhav'
  }

  usernameChangedHandler = (event) => {
    this.setState({
      username: event.target.value
    })
  }

  render() {
    return (
      <div className="App">
        <UserInput
          changed={this.usernameChangedHandler}
          currentName={this.state.username} />
        <UserOutput userName={this.state.username} />
        <UserOutput userName={this.state.username} />
        <UserOutput userName="MAX" />
      </div>
    );
  }
}
```

```
export default App;
```

UserInput.js

```
import React from 'react';

const UserInput = (props) => {
  return(
    <input type="Text"
      onChange={props.changed}
      value={props.currentName}/>
  );
};

export default UserInput;
```

UserOutput.js

```
import React from 'react';

const UserOutput = (props) => {
  return(
    <div className="UserOutput">
      <p>UserName: {props.userName}</p>
      <p>I hope it will be overwritten</p>
    </div>
  );
};

export default UserOutput;
```

Anubhav

UserName: Anubhav

I hope it will be overwritten

UserName: Anubhav

I hope it will be overwritten

UserName: MAX

I hope it will be overwritten

uhkasdhf

UserName: uhkasdhf

I hope it will be overwritten

UserName: uhkasdhf

I hope it will be overwritten

UserName: MAX

I hope it will be overwritten

So we receive the above output without re-fleshing the page from input box.