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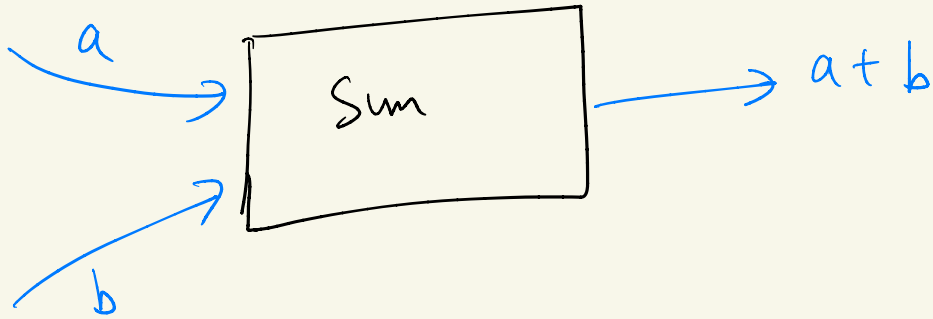
Class vs Functional components

Functional Componet → It's just a fn which retuen react Element.



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```
function sum (a, b) {

    return a + b;

}
```

a & b are parameters of sum fn

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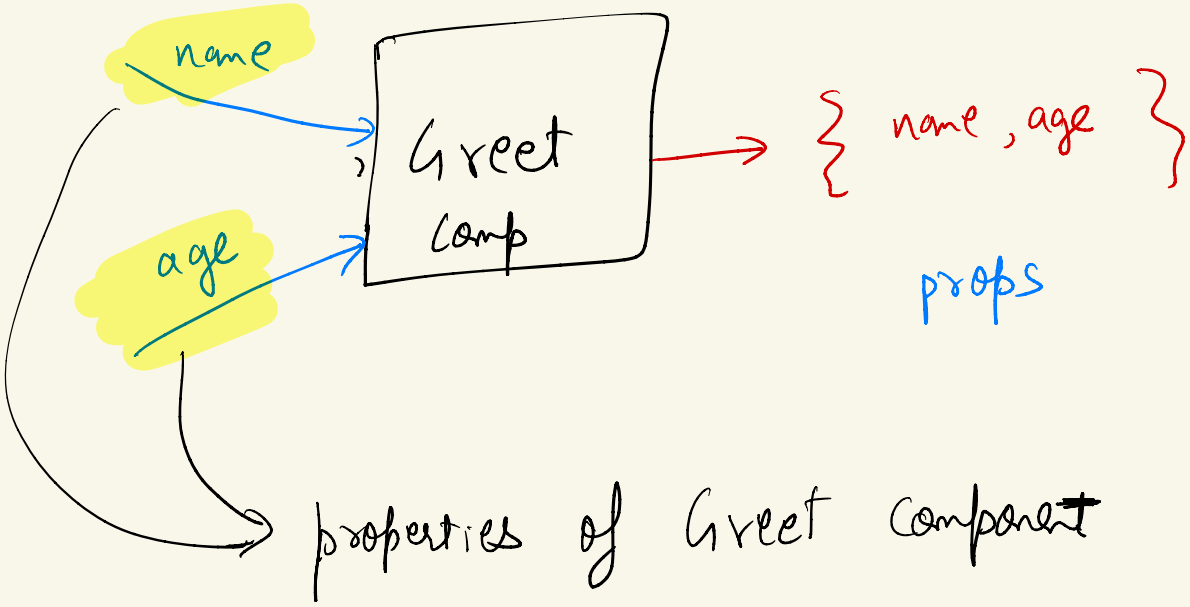

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Class is a blue print

```
Const abc = new Class();
```

inside class in a fn. this.props

Super keyword is used to run constructor fn of parent class

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Q what is useState hook in react?

```
const [name, setName] = useState('name');
```

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```jsx
import { useState } from "react";

const Form = () => {

  const [name, setName] = useState("");

  const changeHandler = (e) => {
    setName(e.target.value);
  };

  return (
    <div>
      <input value={name} onChange={changeHandler} />
    </div>
  );
};

export default Form;
```

This fn is recreated again & again

re renders ⇒ Form();

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fnDefi ← useCallback(fnDefi, dependencyArray);

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i ⟶ id= setTimeout(() => {

p api('i')

}, 300);

---

i ⟶ api('i');

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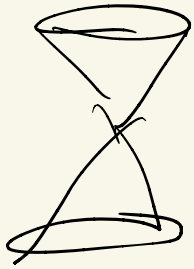
✗ "i" at t = 0 ms

✓ "ip" at t = 200 ms

✗ "iph" at t = 600 ms

"ipho" at t = 700ms



api("ip")

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⇒ debounce (fn , delay)

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