

( lass - 3 React It's an optimisation technique Debomcing which reduces function calls based on user actions.

";" at t= 0 200ms "ip" at t<200 >V 7 200 it will concel prev

vse State use Ref Both are used to Create Variables in React Changing any Yel Changing any State variable variable Won't use setstate for leads cause any re-render to ye render when we want to when we don't want show variable data to show variable data on screen. on DOM/screen.

. then why use ref var use simple var then function (ard() {

const a = use Ref (10);

a. current = a. current + 1;

yeturn < div > this is a card </div > use Prev hook? ( reut e

```
export const useDebounce = (fn, delay) => {
  const id = useRef(null):
  const debouncedFn = useCallback(
    (...args) => {
      clearTimeout(id.current);
      id.current = setTimeout(() => {
        fn(...args);
      }, delay);
    [fn, delay]
  return debouncedFn;
};
```

```
import { useState } from "react";
const StopWatch = () => {
  const [count, setCount] = useState(0);
  setInterval(() => {
   setCount(count + 1);
 }, 1000);
  return <div>{count}</div>;
};
export default StopWatch;
```

set I wered ()

```
import { useEffect, useState } from "react";
const StopWatch = () => {
  const [count, setCount] = useState(0);
  useEffect(() => {
    setInterval(() => {
      setCount(count + 1);
    }, 1000);
 }, []);
  return <div>{count}</div>;
};
export default StopWatch;
```

```
(ount > 0
```

```
() => }

Set Interval((1=) }

Set Court (cont + 1);

3,1000);
```