

USESTATE HOOK

```
import './styles.css';
import {useEffect, useState} from 'react';

export default function App() {
  const [text, setText] = useState("SWETA");
  useEffect(() => {
    console.log("swetakarn")
  },)
  function changeText(){
    setText("ADITI")
  }
  return (
    <div className="App">
      <button onClick={changeText}>click me</button>
      <div>
        {text}
      </div>
    </div>
  );
}
```

USEEFFECT HOOK

```
import './styles.css';
import {useEffect, useState} from 'react';

export default function App() {
  const [count, setCount] = useState(0);
  useEffect(() => {
```

```

console.log("component rendered ")
document.title = `count ${count}`
console.log("component unmount")
},)
function increament(){
setCount( count + 1)
}
return (
<div className="App">
<button onClick={increament}>click me</button>
<div>
{count}
</div>

</div>
);
}

```

USE CONTEXT HOOK

USEMEMO HOOK

```

import './styles.css';
import {useMemo} from 'react';
export default function App() {
var number = [1,3,4,2,5];
const doublenum = useMemo(() => number.map(n => n*2),[])
return (
<div className="App">
<h1>USE MEMO</h1>

```

```

{doublenum.map((number) => <div>
{number}
</div>)}
</div>
);
}

```

USECALLBACK HOOK

```

import './styles.css';
import {useCallback, useMemo, useState} from 'react';
export default function App() {
const[count, setCount] = useState(0);

const counter = useCallback(() => {setCount(prevCount => prevCount
+ 1)}
,[])
return (
<div className="App">
<h1>USE CALL BACK</h1>
<button onClick={counter}>click me</button>
<div>{count}</div>
</div>
);
}

```

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USEREF HOOK

```

import './styles.css';
import {useRef, useState} from 'react';

export default function App() {
const refElem = useRef("");

```

```

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

const reset = () => {
  setName('')
  refElem.current.focus()
}

const handleinput = () => {
  refElem.current.style.color="blue"
}

return (
  <div className="App">
    <h1>use Ref</h1>
    <input ref ={refElem} type="text" value={name} onChange={ (e) =>
      setName(e.target.value) }/>
    <button onClick={reset}>
      reset
    </button>
    <button onClick={handleinput}>
      xadnskkd
    </button>
  </div>
);
}

```

useContext Hook

```

import { useState } from "react";
import ReactDOM from "react-dom/client";

function Component1() {
  const [user, setUser] = useState("Jesse Hall");

  return (

```

```

    <>
    <h1>{`Hello ${user}!`}</h1>
    <Component2 user={user} />
  </>
);
}

function Component2({ user }) {
  return (
    <>
    <h1>Component 2</h1>
    <Component3 user={user} />
  </>
);
}

function Component3({ user }) {
  return (
    <>
    <h1>Component 3</h1>
    <Component4 user={user} />
  </>
);
}

function Component4({ user }) {
  return (
    <>
    <h1>Component 4</h1>
    <Component5 user={user} />
  </>
);
}

function Component5({ user }) {
  return (
    <>
    <h1>Component 5</h1>
    <h2>{`Hello ${user} again!`}</h2>
  </>
);
}

```

```
const root = ReactDOM.createRoot(document.getElementById('root'));  
root.render(<Component1 />);
```