

Hooks

→ Hooks in react js introduced in the **16.8** version of react and it's very useful in functional components

⇒ for example if we want to make a button which will increase the value of count when we click that button

so for that i have written this code :

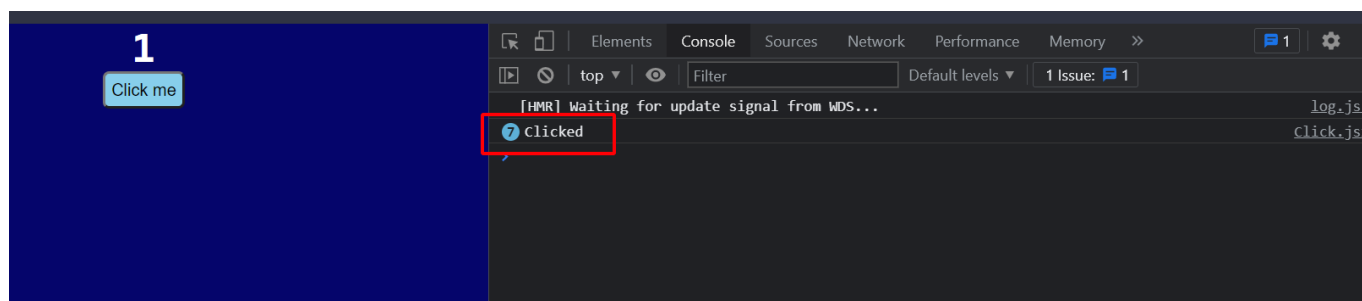
```
import React from 'react'
import './click.css'

let count = 1;
function inc(){
  count++;
  console.log("Clicked");
}

const Click = ()=>{
  return(
    <>
    <h1>{count}</h1>
    <button onClick={inc}>Click me</button>
    </>
  )
}

export default Click;
```

→ but it's not increasing the value of the count in DOM



→ so we will use hooks here. to use that we need to write like this :

```
const state = useState();
```

→ but i got this error

Failed to compile

```
src\Clickme\Click.jsx  
Line 4:15:  React Hook "useState" cannot be called at the top level. React Hooks must be called in a React function component or a custom React Hook function  
react-hooks/rules-of-hooks
```

Search for the keywords to learn more about each error.

This error occurred during the build time and cannot be dismissed.

→ which means we can't define hooks outside the component function so we have to define hooks in the component function at the top

and error gone !

→ and we can see `useState()` returns 2 values : first one is undefined and second is a function.

```
▼ Array(2) ⓘ  
  0: undefined  
  1: f ()  
  length: 2  
  [[Prototype]]: Array(0)
```

Syntax for useState()

→ the syntax for useState function is

```
useState(initial, changed function);
```

→ for example :

we want to change the count when someone click on the button so we will initialise the count with `1` and in `onClick` function we will set the `second parameter`

```
const [count,secondCount] = useState(1);
```

→ in onclick function we will call the secondCount function

```
secondCount(100);
```

→ so it will change the value of count to 100

→ so to create the button which will increase the value of counter after every click i made this :

```
import React, { useState } from 'react'
import './click.css'

const Click = ()=>{
  let [count,secondCount] = useState(1);
  function inc(){
    secondCount(count+1);
  }
  return(
    <>
    <h1>{count}</h1>
    <button onClick={inc}>Click me</button>
    </>
  )
}
export default Click;
```