

Module : 4 Lists and Hooks

1) Explain Life Cycle in Class Component and functional component with Hooks.

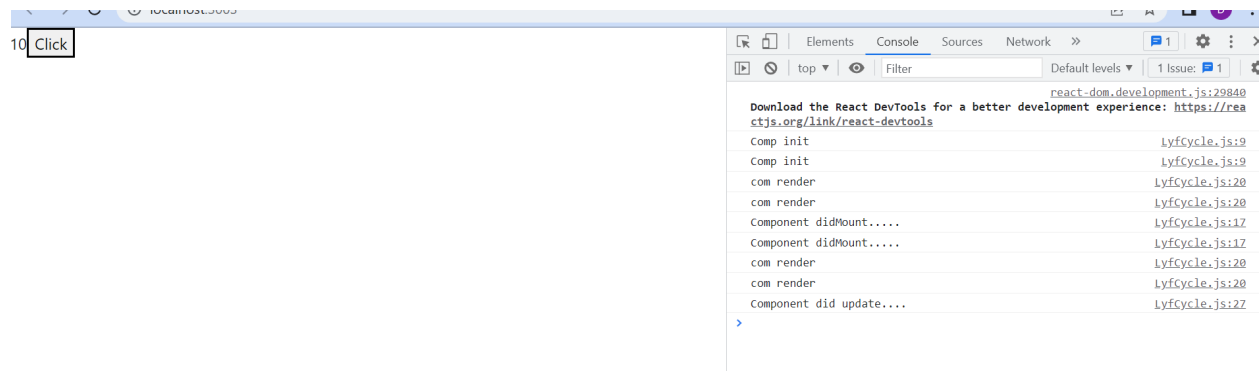
-> **Lyf Cycle :**

```
import {Component} from "react";

class LyfCycle extends Component{
  constructor(){
    super()
    this.state={
      count:0
    }
    console.log('Comp init')
  }
  handle=()=>{
    this.setState({
      count:10
    })
  }
  componentDidMount(){
    console.log('Component didMount....')
  }
  render(){
    console.log('com render')
    return<>
      {this.state.count}
      <button onClick={this.handle}>Click</button>
    </>
  }
  componentDidUpdate(){
    console.log('Component did update....')
  }
}
```

```
}
export default LyfCycle
```

Output :



Functional component :

```
import React, { useState } from 'react'
```

```
export default function UseStat() {
  const [count, setCount] = useState(0)
  const [name, setName] = useState("Dhruvi")
  const handleState = () => {
    setName("Yashvi")
  }

  return (
    <div>
      <h1>Name :{name}</h1>
      <h1>Count :{count}</h1>
      <button onClick={e => setCount(count + 1)}>Incr</button>&nbsp;
      <button onClick={e => setCount(count - 1)}>Decr</button>&nbsp;
      <button onClick={() => handleState()}>Update</button>&nbsp;
    </div>
  )
}
```

Output :

Name :Dhruvi

Count :1

Incr

Decr

Update